EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1015

DATE: JANUARY 1, 2021

PROJECT MP0427

The following classification changes will be effected by this Notice of Changes:

Action	**Subclass**	**Group(s)**
SCHEME:		
Notes Deleted:	A61G	7/002
	B01D	53/0454, 65/10
	B07B	1/286
	B23Q	1/42
	B61D	17/046
	C04B	40/0691
	C08J	9/149
	C08L	63/10
	C09D	163/10
	C09J	163/10
	C10L	1/106
	C11D	3/0078, 9/045
	C22C	35/005
	D01F	6/28
	D06B	15/005
	E02D	5/36
	E04B	1/1912
	E04D	3/3608
	F15C	1/06
	F16H	3/06
	G01N	33/579, 33/98, 2333/465
	G01R	11/25
	G05D	1/12
	G06K	9/36
	G11C	11/005
	H01C	7/042
	H01F	1/0027, 41/14
	H01J	29/467
	H01L	21/2253, 29/78645
	H02K	16/04
	H02P	1/24
	H03F	3/005
	H03J	1/066
	H04N	2201/02404, 2201/02449
	H05B	3/688
Notes New:	A23L	3/3463
	A24B	15/28
	B01D	53/04
	B07B	1/28
	B23Q	1/44
	B61D	17/00

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Action	**Subclass**	**Group(s)**
	C08J	9/00
	C10L	1/00
	C11D	9/00
	C22C	21/00, 30/00
	D01F	6/00
	D06B	15/00
	E02D	SUBCLASS
	E04B	1/18
	E04D	3/00
	F15C	1/00
	F16H	3/08, 3/16, 3/20
	G01N	33/00
	G11C	11/00
	H01C	7/04
	H01F	1/00, 41/00
	H01J	29/46
	H01L	21/2251, 29/786
	H02P	1/00
	H03F	3/00
	H03J	1/00
	H05B	3/68
Notes Modified:	C04B	41/00
	C08L	SUBCLASS
	C09D	SUBCLASS
	C09J	SUBCLASS
	C10L	SUBCLASS
	C11D	SUBCLASS
	C11D	1/00, 3/00
	C22C	SUBCLASS
	E04B	SUBCLASS
	G01R	SUBCLASS
	G01R	11/00
	G06K	9/00
	H02K	SUBCLASS

This Notice of Changes includes the following *[Check the ones included]:*

1. CLASSIFICATION SCHEME CHANGES

- ☐ A. New, Modified or Deleted Group(s)
- ☐ B. New, Modified or Deleted Warning(s)
- ☒ C. New, Modified or Deleted Note(s)
- ☐ D. New, Modified or Deleted Guidance Heading(s)

2. DEFINITIONS

- ☐ A. New or Modified Definitions (Full definition template)

☐ B. Modified or Deleted Definitions (Definitions Quick Fix)

3. ☐ REVISION CONCORDANCE LIST (RCL)
4. ☐ CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. ☐ CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

C. New, Modified or Deleted Notes(s)

SECTION A – HUMAN NECESSITIES

Type*	**Location**	**Old Note**	**New/Modified Note**
N	A23L 3/3463		Insert: The following new Note. In groups A23L 3/3472 - A23L 3/3562, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place. {This Note corresponds to IPC Note relating to A23L 3/3472 - A23L 3/3562.}
N	A24B 15/28		Insert: The following new Note. In groups A24B 15/30 - A24B 15/42, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place for a substance. {This Note corresponds to IPC Note (1) relating to A24B 15/30 - A24B 15/42.}
D	A61G 7/002	Combinations of adjustments mentioned in the following subgroups are classified in group A61G 7/002	Delete: The existing Note.

SECTION B – PERFORMING OPERATIONS; TRANSPORTING

Type*	Location	Old Note	New/Modified Note
N	B01D 53/04		Insert: The following new Note. {In groups B01D 53/0462 and B01D 53/047 - B01D 53/0476 it is desirable to add indexing codes chosen from B01D 2259/40007 - B01D 2259/40081 relating to controlling and processing aspects of pressure or temperature swing adsorption}
D	B01D 53/0454	In groups B01D53/0462 and B01D53/047 - B01D53/0476 it is desirable to add indexing codes chosen from B01D2259/40007 - B01D2259/40081 relating to controlling and processing aspects of pressure or temperature swing adsorption	Delete: The existing Note.
D	B01D 65/10	The documents classified in the groups B01D 67/00 - B01D 71/00 are also searchable in a keyword-based electronic off-line database called "MEMBRANE"	Delete: The existing Note.
N	B07B 1/28		Insert: The following new Note. Group B07B 1/40 takes precedence over groups B07B 1/30 - B07B 1/38. {This Note corresponds to IPC Note (1) relating to B07B 1/30 - B07B 1/40.}
D	B07B 1/286	Group B07B 1/40 takes precedence over groups B07B 1/30 - B07B 1/38	Delete: The existing Note.
D	B23Q 1/42	1. In groups B23Q 1/44 - B23Q 1/62, the following expressions are used with the meaning indicated: - "sliding pair" means a pair consisting of two elements operating in such a way that only straight line movement between both elements is possible; - "rotating pair" means a pair consisting of two elements operating in such a way that only rotary movement between both elements is possible;	Delete: All existing Notes.

Type*	Location	Old Note	New/Modified Note
		- "screw pair" means a pair consisting of two elements operating in such a way as to produce simultaneous rotation and axial translation between both elements. 2. In groups B23Q 1/44 - B23Q 1/62, where more than one pair of elements is provided on the same axis for the same kind of movement, the pairs are regarded as a single pair for the purposes of classification.	
N	B23Q 1/44		Insert: The following as new Notes 1 and 2. 1. In this group, the following expressions are used with the meaning indicated: • "sliding pair" means a pair consisting of two elements operating in such a way that only straight line movement between both elements is possible; • "rotating pair" means a pair consisting of two elements operating in such a way that only rotary movement between both elements is possible; • "screw pair" means a pair consisting of two elements operating in such a way as to produce simultaneous rotation and axial translation between both elements. 2. In this group, where more than one pair of elements is provided on the same axis for the same kind of movement, the pairs are regarded as a single pair for the purposes of classification.
N	B61D 17/00		Insert: The following new Note. {B61D17/005 takes precedence over B61D 17/048 - B61D 17/16}
D	B61D 17/046	B61D 17/005 takes precedence over B61D 17/048 - B61D 17/16	Delete: The existing Note.

SECTION C – CHEMISTRY; METALLURGY

Type*	Location	Old Note	New/Modified Note
D	C04B 40/0691	In group C04B 41/00, the following terms or expressions are used with the meanings indicated: - "mortars", "concrete" and "artificial stone" cover materials after primary shaping	Delete: The existing Note.
M	C04B 41/00	1. In this group, multiple classification is made according to the following rules: – when the substrate to be treated is of the artificial stone type, e.g. concrete, classification is made in the range C04B 41/00 - C04B 41/5392 as well as in the range C04B 41/60 - C04B 41/72 – when the substrate to be treated is of the ceramic type, classification is made in the range C04B 41/00 - C04B 41/5392 as well as in the range C04B 41/80 - C04B 41/91 – when the substrate to be treated is aspecific, classification is made only in the range C04B 41/00 - C04B 41/5392 2. In groups C04B 41/0018 - C04B 41/53, in the absence of an indication to the contrary, classification is made in the last appropriate place. 3. Treating, e.g. coating or impregnating, a material with the same material or with a substance which ultimately is transformed into the same material is not considered aftertreatment for this group but is classified as preparation of the material, e.g. a carbon body impregnated with a carbonisable substance is classified in C04B 35/52. 4. In groups C04B 41/00 - C04B 41/53, it is desirable to add the indexing codes relating to the nature of the substrate being treated. The indexing codes, which are chosen from	Replace: The existing Notes with the following new Notes numbered 1 through 8. 1. In this group, the following terms or expressions are used with the meanings indicated: • "mortars", "concrete" and "artificial stone" cover materials after primary shaping. 2. Treating, e.g. coating or impregnating, a material with the same material or with a substance that ultimately is transformed into the same material is not considered aftertreatment for this group but is classified as preparation of the material, e.g. a carbon body impregnated with a carbonisable substance is classified in C04B 35/52. 3. In groups C04B 41/45 - C04B 41/80, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place. 4. {In this group, multiple classification is made according to the following rules: • when the substrate to be treated is of the artificial stone type, e.g. concrete, classification is made in the range C04B 41/00 - C04B 41/5392 as well as in the range C04B 41/60 - C04B 41/72 • when the substrate to be treated is of the ceramic type, classification is made in the

Type*	**Location**	**Old Note**	**New/Modified Note**
			range C04B 41/00 - C04B 41/5392 as well as in the range C04B 41/80 - C04B 41/91 • when the substrate to be treated is aspecific, classification is made only in the range C04B 41/00 - C04B 41/5392} 5. {In groups C04B 41/0018 - C04B 41/53, in the absence of an indication to the contrary, classification is made in the last appropriate place.} 6. {In groups C04B 41/00 - C04B 41/53, it is desirable to add the indexing codes relating to the nature of the substrate being treated. The indexing codes that are chosen from groups C04B 26/00 - C04B 38/00 should be unlinked.} 7. {In groups C04B 41/00 - C04B 41/53, it is desirable to add the indexing codes relating to aspects of the coating composition or to the method of application. The indexing codes that are chosen from groups C04B 41/00 - C04B 41/5392 should be unlinked.} 8. {Attention is drawn to internal Note (2) following the title of subclass C04B.}
N	C08J 9/00		Insert: The following new Note. In groups C08J 9/16 - C08J 9/22, the following term is used with the meaning indicated: • "expandable" includes also expanding, pre-expanded or expanded. {This Note corresponds to IPC Note (1) relating to C08J 9/16 - C08J 9/22.}
D	C08J 9/149	In groups C08J9/16 - C08J9/232, the following term is used with the meaning indicated: "expandable" includes also expanding, pre-expanded or expanded	Delete: The existing Note.

M	C08L	1. In this subclass, the following term is used with the meaning indicated: – Rubber includes: a. natural or conjugated diene rubbers; b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for compositions of such macromolecular compounds). 2. In this subclass: a. compositions are classified according to the mutual proportions by weight of only the macromolecular constituents; b. compositions are classified according to the macromolecular constituent or constituents present in the highest proportion: if all these constituents are present in equal proportions the composition is classified according to each of these constituents. 3. Any macromolecular constituent of a composition which is not identified by the classification according to Note (2) above, and the use of which is determined to be novel and non-obvious, must also be classified in this subclass. For example, a composition containing 80 parts polyethene and 20 parts polyvinyl chloride is classified in both groups C08L 23/06 and C08L 27/06, if the use of polyvinyl chloride is determined to be novel and non-obvious. {This IPC Note does not apply in CPC} 4. Any macromolecular constituent of a composition which is not identified by the classification according to Notes (2) or (3) above, and which is considered to represent information of interest for search, may also be classified in this subclass. This can, for example, be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information". {This IPC Note does not apply in CPC} 5. {Compositions classified in C08K according to note 3 of C08K, are not classified in C08L.} 6. {In this subclass, combination sets [C-Sets] are used. The detailed	Replace: The existing Notes with the following new Notes numbered 1 through 8. 1. In this subclass, the following term is used with the meaning indicated: • Rubber includes: a. natural or conjugated diene rubbers; b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for compositions of such macromolecular compounds). 2. In this subclass: a. compositions are classified according to the mutual proportions by weight of only the macromolecular constituents; b. compositions are classified according to the macromolecular constituent or constituents present in the highest proportion: if all these constituents are present in equal proportions the composition is classified according to each of these constituents. 3. Any macromolecular constituent of a composition which is not identified by the classification according to Note (2) above, and the use of which is determined to be novel and non-obvious, must also be classified in this subclass. For example, a composition containing 80 parts polyethene and 20 parts polyvinyl chloride is classified in both groups C08L 23/06 and C08L 27/06, if the use of polyvinyl chloride is determined to be novel and non-obvious. {This IPC Note does not apply in CPC} 4. Any macromolecular constituent of a composition which is not identified by the classification according to Notes (2) or (3) above, and which is considered to represent information of interest for search, may also be classified in this subclass. This can, for example, be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information". {This IPC Note does not apply in CPC} 5. In groups C08L 65/00 - C08L 85/00, in the absence of an indication to the

Type*	Location	Old Note	New/Modified Note
		information about the C-Sets construction and the associated syntax rules is present in the definitions of C08L} 7. {C08L 2666/00 indexing codes were used for C-Sets classification of documents before April 2012. In addition to note (6), for searching documents classified before April 2012, see also C08L 2666/00 in the definitions of C08L.}	contrary, compositions of macromolecular compounds obtained by reactions forming two different linkages in the main chain are classified only according to the linkage present in excess.{This Note corresponds to IPC Note (1) relating to C08L 65/00 - C08L 85/00.} 6. {Compositions classified in C08K according to note 3 of C08K, are not classified in C08L.} 7. {In this subclass, combination sets [C-Sets] are used. The detailed information about the C-Sets construction and the associated syntax rules is present in the definitions of C08L} 8. {C08L 2666/00 indexing codes were used for C-Sets classification of documents before April 2012. In addition to note (6), for searching documents classified before April 2012, see also C08L 2666/00 in the definitions of C08L.}
D	C08L 63/10	In groups C08L65/00 - C08L85/00, in the absence of an indication to the contrary, compositions of macromolecular compounds, obtained by reactions forming two different linkages in the main chain, are classified only according to the linkage present in excess	Delete: The existing Note.
M	C09D	1. In this subclass, the following terms or expressions are used with the meanings indicated: – "use of materials for coating compositions" means the use of known or new polymers or products; – "rubber" includes: a. natural or conjugated diene rubbers; b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for coating compositions based on such macromolecular compounds); c. based on" is defined by means of Note 3, below;	Replace: The existing Notes with the following new Notes numbered 1 through 8. 1. In this subclass, the following terms or expressions are used with the meanings indicated: • "use of materials for coating compositions" means the use of known or new polymers or products; • "rubber" includes: a. natural or conjugated diene rubbers; b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for coating compositions

Type*	Location	Old Note	New/Modified Note
		d. filling pastes" means materials used to fill up the holes or cavities of a substrate in order to smooth its surface prior to coating. 2. In this subclass, coating compositions containing specific macromolecular substances are classified only according to the macromolecular substance, non-macromolecular substances not being taken into account. – Example: a coating composition containing polyethene and amino-propyltrimethoxysilane is classified in group C09D 123/06. – However, coating compositions containing combinations of organic non-macromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond with prepolymers or polymers other than unsaturated polymers (continued) of groups C09D 159/00 - C09D 187/00 are classified according to the unsaturated non-macromolecular component in group C09D 4/00. – Example: a coating composition containing polyethene and styrene monomer is classified in group C09D 4/06. – Aspects relating to the physical nature of the coating compositions or to the effects produced, as defined in group C09D 5/00, if clearly and explicitly stated, are also classified in this subclass. – Coating compositions characterised by other features, e.g. additives, are classified in group C09D 7/00, unless the macromolecular constituent is specified. 3. In this subclass, coating compositions comprising two or more macromolecular constituents are classified according to the macromolecular constituent or constituents present in the highest proportion, i.e. the constituent on which the composition is based. If the composition is based on two or more constituents, present in equal proportions, the composition is	based on such macromolecular compounds); • "based on" is defined by means of Note (3), below; • "filling pastes" means materials used to fill up the holes or cavities of a substrate in order to smooth its surface prior to coating. 2. In this subclass, coating compositions, containing specific organic macromolecular substances are classified only according to the macromolecular substance, non-macromolecular substances not being taken into account. Example: a coating composition containing polyethene and amino-propyltrimethoxysilane is classified in group C09D 123/06. However, coating compositions containing combinations of organic non-macromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond with prepolymers or polymers other than unsaturated polymers of groups C09D 159/00 - C09D 187/00 are classified according to the unsaturated non-macromolecular component in group C09D 4/00. Example: a coating composition containing polyethene and styrene monomer is classified in group C09D 4/00. Aspects relating to the physical nature of the coating compositions or to the effects produced, as defined in group C09D 5/00, if clearly and explicitly stated, are also classified in this subclass. Coating compositions characterised by other features, e.g. additives, are classified in group C09D 7/00, unless the macromolecular constituent is specified. 3. In this subclass, coating compositions comprising two or more macromolecular constituents are classified according to the macromolecular constituent or constituents present in the highest

Type*	Location	Old Note	New/Modified Note
		classified according to each of these constituents. Examples: – A coating composition containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified in group C09D 123/06; – A coating composition containing 40 parts of polyethene and 40 parts of polyvinylchloride is classified in groups C09D 123/06 and C09D 127/06. 4. {In this subclass, combination sets [C-Sets] are used. Detailed information about the CSets construction and the associated syntax rules is found in the definitions for C09D.} 5. {In addition to Note (4) above C08L 2666/00 indexing codes were used for C-Sets classification of documents before April 2012. See C-Sets Search Rules in C08L, in C09D, or in C09J Definitions.}	proportion, i.e. the constituent on which the composition is based. If the composition is based on two or more constituents, present in equal proportions, the composition is classified according to each of these constituents. Example: a coating composition containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified in group C09D 123/06. A coating composition containing 40 parts of polyethene and 40 parts of polyvinylchloride is classified in groups C09D 123/06 and C09D 127/06. 4. In groups C09D 101/00 - C09D 201/00, any macromolecular constituent of a coating composition which is not identified by the classification according to Note (3) after the title of subclass C09D, and the use of which is determined to be novel and non-obvious, must also be classified in a group chosen from groups C09D 101/00 - C09D 201/00. {This Note corresponds to IPC Note (1) relating to C09D 101/00 - C09D 201/00.} 5. Any macromolecular constituent of a coating composition which is not identified by the classification according to Note (3) after the title of subclass C09D or Note (1) above, and which is considered to represent information of interest for search, may also be classified in a group chosen from groups C09D 101/00 - C09D 201/00. This can for example be the case when it is considered of interest to enable searching of coating compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information." {This Note corresponds to IPC Note (2) relating to C09D 101/00 - C09D 201/00.} 6. In groups C09D 165/00 - C09D 185/00, in the absence of an indication to the contrary, coating compositions based on macromolecular compounds obtained by reactions forming two

Type*	Location	Old Note	New/Modified Note
			different linkages in the main chain are classified only according to the linkage present in excess. {This Note corresponds to IPC Note (1) relating to C09D 165/00 - C09D 185/00.} 7. {In this subclass, combination sets [C-Sets] are used. Detailed information about the CSets construction and the associated syntax rules is found in the definitions for C09D.} 8. {In addition to Note (4) above C08L 2666/00 indexing codes were used for C-Sets classification of documents before April 2012. See C-Sets Search Rules in C08L, in C09D, or in C09J Definitions.}
D	C09D 163/10	In groups C09D165/00 - C09D185/00, in the absence of an indication to the contrary, adhesives based on macromolecular compounds obtained by reactions forming two different linkages in the main chain are classified according to the linkage present in excess.	Delete: The existing Note.
M	C09J	1. In this subclass, the following terms or expressions are used with the meanings indicated: 2. "use of materials as adhesives" means the use of known or new polymers or products; – "rubber" includes: a. natural or conjugated diene rubbers; b. rubber in general (for a specific rubber, other than a natural rubber or a conjugated diene rubber, see the group provided for adhesives based on such macromolecular compounds); – "based on" is defined by means of Note 3, below. 3. In this subclass, adhesives containing specific macromolecular substances are classified only according to the macromolecular substance, non-macromolecular substances not being taken into account. – Example: an adhesive containing polyethene and	Insert: The following new Notes as Notes 5 and 6. Relabel the existing Notes 5 and 6 as 7 and 8 respectively. 5. Any macromolecular constituent of an adhesive composition which is not identified by the classification according to Note (3) after the title of subclass C09J or Note (1) above, and which is considered to represent information of interest for search, may also be classified in a group chosen from groups C09J 101/00 - C09J 201/00. This can, for example, be the case when it is considered of interest to enable searching of adhesive compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information". {This Note corresponds to IPC Note (2) relating to C09J 101/00 - C09J 201/00.} 6. In groups C09J 165/00 - C09J 185/00, in the absence of an indication to the contrary, adhesives

Type*	Location	Old Note	New/Modified Note
		aminopropyltrimethoxysilane is classified in group C09J 123/06. – However, adhesives containing combinations of organic nonmacromolecular compounds having at least one polymerisable carbon-to-carbon unsaturated bond with prepolymers or polymers other than unsaturated polymers of groups C09J 159/00 - C09J 187/00 are classified according to the unsaturated non-macromolecular component in group C09J 4/00. – Example: an adhesive containing polyethene and styrene monomer is classified in group C09J 4/06. – Aspects relating to the physical nature of the adhesives or to the effects produced, as defined in group C09J 9/00, if clearly and explicitly stated, are also classified in this (continued) subclass. – Adhesives characterised by other features, e.g. additives, are classified in group C09J 11/00, unless the macromolecular constituent is specified. 4. In this subclass, adhesives comprising two or more macromolecular constituents are classified according to the macromolecular constituent or constituents present in the highest proportion, i.e. the constituent on which the adhesive is based. If the adhesive is based on two or more constituents, present in equal proportions, the adhesive is classified according to each of these constituents. – Examples: An adhesive containing 80 parts of polyethene and 20 parts of polyvinylchloride is classified in group C09J 123/06; a n adhesive containing 40 parts of polyethene and 40 parts of polyvinylchloride is classified in groups C09J 123/06 and C09J 127/06. 5. {In this subclass, combination sets [C-Sets] are used. The detailed information about the C-Sets construction and the associated	based on macromolecular compounds obtained by reactions forming two different linkages in the main chain are classified only according to the linkage present in excess. {This Note corresponds to IPC Note (1) relating to C09J 165/00 - C09J 185/00.}

Type*	**Location**	**Old Note**	**New/Modified Note**
		syntax rules are found in the Definitions of C09J} 6. {In addition to note (5), C08L 2666/00 indexing codes were used for C-Sets classification of documents before April 2012 (see also C-Sets search rules in C08L, C09D, in C09J definition)}	
D	C09J 163/10	In groups C09J165/00 - C09J185/00, in the absence of an indication to the contrary, adhesives based on macromolecular compounds obtained by reactions forming two different linkages in the main chain are classified according to the linkage present in excess.	Delete: The existing Note.
M	C10L	In subclass C10L it is desirable to give indexing codes for information about components of solid, liquid and gaseous fuels or firelighters, their additives and constituents and their preparation and use. The indexing codes are taken from C10L 2200/00 - C10L 2290/60	Replace: The existing Note with the following modified Note. {In subclass C10L it is desirable to give indexing codes for information about components of solid, liquid and gaseous fuels or firelighters, their additives and constituents and their preparation and use. The indexing codes are taken from C10L 2200/00 - C10L 2290/60.}
N	C10L 1/00		Insert: The following new Notes labeled 1 through 7. 1. In groups C10L 1/12 - C10L 1/14, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, a compound is classified in the last appropriate place. {This Note corresponds to IPC Note (1) relating to C10L 1/12 - C10L 1/14.} 2. If an additive is a mixture of compounds, classification is made for each compound of interest. {This Note corresponds to IPC Note (2) relating to C10L 1/12 - C10L 1/14.} 3. A metal salt or an ammonium salt of a compound is classified as that compound, e.g. a chromium sulfonate is classified as a sulfonate in group C10L 1/24 and not in group C10L 1/30. {This Note corresponds to IPC Note (3) relating to C10L 1/12 - C10L 1/14.}

Type*	Location	Old Note	New/Modified Note
			4. {When classifying in this group, it is desirable to classify the individual additional components using Combination Sets with symbols chosen from groups C10L1/12 - C10L1/308.} 5. {Mixtures of additives are classified in the corresponding main group. Individual additives can be classified using Combination Sets according to the Note above.} 6. {When several alternatives for the same individual additive are mentioned, e.g. as a Markush-formula, classification may be done in the corresponding main group only, the alternatives being classified using Combination Sets, according to the Note above.} 7. {Documents classified until April 2003, have been classified with Combination Sets as explained in the Notes above, however using symbols chosen from groups C10L1/10 - C10L1/308.}
D	C10L 1/106	1. In groups C10L1/12 - C10L1/30 {C10L1/308}, in the absence of an indication to the contrary, a compound is always classified in the last appropriate place. 2. A metal salt or an ammonium salt of a compound is classified as that compound, e.g. a chromium sulfonate is classified as a sulfonate in group C10L1/24 and not in group C10L1/30. 3. When classifying in this group, it is desirable to classify the individual additional components using Combination Sets with symbols chosen from groups C10L1/12 - C10L1/308 4.Mixtures of additives are classified in the corresponding main group. Individual additives can be classified using Combination Sets according to the Note above 5.When several alternatives for the same individual additive are mentioned, e.g. as a Markush-formula, classification may be done in the corresponding main group	Delete: All existing Notes.

Type*	Location	Old Note	New/Modified Note
		only, the alternatives being classified using Combination Sets, according to the Note above. 6. Documents classified until April 2003, have been classified with Combination Sets as explained in the Notes above, however using symbols chosen from groups C10L1/10 - C10L1/308.	
M	C11D	Documents classified in groups C11D 1/37, C11D 1/645 - C11D 1/655, C11D 1/825 - C11D 1/86, C11D 1/94 - C11D 1/945 and C11D 10/00 - C11D 10/047, are indexed using codes chosen from C11D 1/00 - C11D 1/92 to provide information on the individual ingredients on the compositions	Replace: The existing Note with the following new Notes labeled 1 through 3. 1. When classifying in the mixture groups of this subclass, any individual ingredient of a composition which is not identified by such classification, and which itself is determined to be novel and non-obvious, must also be classified in groups C11D 1/00 - C11D 9/00. The individual ingredient can be either a single substance or a composition in itself. 2. Any ingredient of a composition which is not identified by the classification according to Note (1) above, and which is considered to represent information of interest for search, may also be classified in groups C11D 1/00 - C11D 9/00. This can, for example, be the case when it is considered of interest to enable searching of compositions using a combination of classification symbols. Such non-obligatory classification should be given as "additional information". 3. {Documents classified in groups C11D 1/37, C11D 1/645 - C11D 1/655, C11D 1/825 - C11D 1/86, C11D 1/94 - C11D 1/945 and C11D 10/00 - C11D 10/047, are indexed using codes chosen from C11D 1/00 - C11D 1/92 to provide information on the individual ingredients on the compositions.}
M	C11D 1/00	In groups C11D 1/02 - C11D 1/94, in the absence of an indication to the contrary, a compound is classified in the last appropriate place.	Replace: The existing Note with the following modified Note. In groups C11D 1/02 - C11D 1/88, the last place priority rule is applied, i.e. at

Type*	Location	Old Note	New/Modified Note
			each hierarchical level, in the absence of an indication to the contrary, a compound is classified in the last appropriate place. {This Note corresponds to IPC Note (1) relating to C11D 1/02 - C11D 1/88.}
M	C11D 3/00	Documents classified in group C11D 3/0005 are also classified in other groups of subclass C11D according to the chemical nature of the compounds as such	Replace: The existing Note with the following Notes labeled 1 and 2. 1. In groups C11D 3/02 - C11D 3/39, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, a compound is classified in the last appropriate place. {This Note corresponds to IPC Note (1) relating to C11D 3/02 - C11D 3/39.} 2. {Documents classified in group C11D 3/0005 are also classified in other groups of subclass C11D according to the chemical nature of the compounds as such.}
D	C11D 3/0078	In groups C11D 3/02 - C11D 3/39, in the absence of an indication to the contrary, a compound is classified in the last appropriate place.	Delete: The existing Note.
N	C11D 9/00		Insert: The following new Note. In groups C11D 9/06 - C11D 9/42, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, a compound is classified in the last appropriate place. {This Note corresponds to IPC Note (1) relating to C11D 9/06 - C11D 9/42.}
D	C11D 9/045	In groups C11D9/06 - C11D9/42, in the absence of an indication to the contrary, a compound is classified in the last appropriate place.	Delete: The existing Note.
M	C22C	1. In this subclass, the following terms or expressions are used with the meanings indicated: – "alloys" includes also: a. metallic composite materials containing a substantial proportion of	Replace: The existing Notes with the following new Notes labeled 1 through 5. 1. In this subclass, the following terms or expressions are used with the meanings indicated:

Type*	Location	Old Note	New/Modified Note
		fibres or other somewhat larger particles; b. ceramic compositions containing free metal bonded to carbides, diamond, oxides, borides, nitrides or silicides, e.g. cermets, or other metal compounds, e.g. oxynitrides or sulfides, other than as macroscopic reinforcing agents; – "based on" requires at least 50% by weight of the specified constituent or of the specified group of constituents. 2. In the absence of an indication to the contrary, in groups C22C 5/00 - C22C 32/00 an alloy is classified in the last appropriate place. 3. In this subclass it is desirable to classify the individual aspects of combinations of processes or materials for powder metallurgy using Combination Sets with symbols chosen from groups C22C 1/00 - C22C 43/00 or from groups B22F 1/00 - B22F 9/00. 4. In this subclass the special database "ALLOYS" is used. This system includes patent documents classified in groups C22C 1/04 and C22C 5/00 - C22C 49/14 and provides information on the composition of the alloys, their uses and characteristics.	• "alloys" includes also: a. metallic composite materials containing a substantial proportion of fibres or other somewhat larger particles; b. ceramic compositions containing free metal bonded to carbides, diamond, oxides, borides, nitrides or silicides, e.g. cermets, or other metal compounds, e.g. oxynitrides or sulfides, other than as macroscopic reinforcing agents. • "based on" requires at least 50% by weight of the specified constituent or of the specified group of constituents. 2. Groups C22C 43/00 - C22C 49/00 take precedence over groups C22C 1/00 - C22C 38/00. {This Note corresponds to IPC Note (1) relating to C22C 1/00 - C22C 38/00.} 3. In groups C22C 37/00 and C22C 38/00, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, an alloy is classified in the last appropriate place that provides for one of the alloying components. {This Note corresponds to IPC Note (1) relating to C22C 37/00 - C22C 38/00.} 4. {In this subclass it is desirable to classify the individual aspects of combinations of processes or materials for powder metallurgy using Combination Sets with symbols chosen from groups C22C 1/00 - C22C 43/00 or from groups B22F 1/00 - B22F 9/00.} 5. {In this subclass the special database "ALLOYS" is used. This system includes patent documents classified in groups C22C 1/04 and C22C 5/00 - C22C 49/14 and provides information on the composition of the alloys, their uses and characteristics.}

Type*	**Location**	**Old Note**	**New/Modified Note**
N	C22C 21/00		Insert: The following new Note. In groups C22C 21/14 - C22C 21/18, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, an alloy is classified in the last appropriate place. {This Note corresponds to IPC Note (1) relating to C22C 21/14 - C22C 21/18.}
N	C22C 30/00		Insert: The following new Note. In groups C22C 30/02 - C22C 30/06, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, an alloy is classified in the last appropriate place. {This Note corresponds to IPC Note (1) relating to C22C 30/02 - C22C 30/06.}
D	C22C 35/005	In the absence of an indication to the contrary, in groups C22C37/00 - C22C38/00 an alloy is classified in the last appropriate place that provides for one of the alloying components.	Delete: The existing Note.

SECTION D – TEXTILES; PAPER

Type*	**Location**	**Old Note**	**New/Modified Note**
N	D01F 6/00		Insert: The following new Note. In this group, the percentage for determining the major constituent is expressed in mole percent.
D	D01F 6/28	For the purposes of groups D01F6/30 - D01F6/96, the percentage for determining the major constituent is expressed in mole percent.	Delete: The existing Note.
N	D06B 15/00		Insert: The following new Note. Group D06B 15/12 takes precedence over groups D06B 15/02 - D06B 15/10. {This Note corresponds to IPC Note (1) relating to D06B 15/02 – D06B 15/10.}
D	D06B 15/005	Group D06B15/12 takes precedence over groups D06B15/02 - D06B15/10	Delete: The existing Note.

SECTION E – FIXED CONSTRUCTIONS

Type*	**Location**	**Old Note**	**New/Modified Note**
N	E02D		Insert: The following new Notes. 1. This subclass covers underground structures made by foundation engineering, i.e. involving disturbance of the ground surface. 2. This subclass does not cover underground spaces, made by underground mining methods only, i.e. not involving disturbance of the ground surface, which are covered by subclass E21D.
D	E02D 5/36	Documents covered both by E02D5/34 - E02D5/46 and by one or several of the groups E02D5/48 - E02D5/64 are classified in all relevant groups unless specific priority rules to the contrary are given	Delete: The existing Note.
M	E04B	In this subclass, the following term is used with the meaning indicated: – "ceiling" includes all the finishing material concealing the underside of the loadcarrying ceiling structure or roof structure.	Replace: The existing Note with the following new Notes labeled 1 and 2. 1. This subclass covers working methods used in constructing new buildings and analogous working methods on existing buildings. Other working methods on existing buildings, except those for insulating, are classified in group E04G 23/00. 2. In this subclass, the following term is used with the meaning indicated: • "ceiling" includes all the finishing material concealing the underside of the loadcarrying ceiling structure or roof structure.

Type*	**Location**	**Old Note**	**New/Modified Note**
N	E04B1/18		Insert: The following new Note. Group E04B 1/19 takes precedence over groups E04B 1/20 - E04B 1/30. {This Note corresponds to IPC Note (1) relating to E04B 1/19, E04B 1/20 - E04B 1/30.}
D	E04B 1/1912	Subgroup E04B1/19 takes precedence over subgroups E04B1/20 - E04B1/30	Delete: The existing Note.
N	E04D 3/00		Insert: The following new Note. In groups E04D 3/361 - E04D 3/368, additional small fastening elements, e.g. nails, screws, are not to be considered to be separate connecting elements. {This Note corresponds to IPC Note (1) relating to E04D 3/361 - E04D 3/368.}
D	E04D 3/3608	In groups E04D3/361 - E04D3/368, additional small fastening elements, e.g. nails, screws, are not to be considered to be separate connecting elements.	Delete: The existing Note.

SECTION F – MECHANICAL ENGINEERING; LIGHTING; HEATING; WEAPONS; BLASTING

Type*	**Location**	**Old Note**	**New/Modified Note**
N	F15C 1/00		Insert: The following new Note. Group F15C 1/22 takes precedence over groups F15C 1/08 - F15C 1/20. {This Note corresponds to IPC Note (1) relating to F15C 1/08 - F15C 1/20.}
D	F15C 1/06	Group F15C1/22 takes precedence over groups F15C1/08 - F15C1/20.	Delete: The existing Note.
D	F16H 3/06	In groups F16H3/08, F16H3/16 and F16H3/20, gears which can be put out of mesh are not taken into consideration if they are used for reversal only.	Delete: The existing Note.
N	F16H 3/08		Insert: The following new Note. In this group, gears which can be put out of mesh are not taken into consideration if they are used for reversal only.
N	F16H 3/16		Insert: The following new Note. In this group, gears which can be put out of mesh are not taken into consideration if they are used for reversal only.
N	F16H 3/20		Insert: The following new Note. In this group, gears which can be put out of mesh are not taken into consideration if they are used for reversal only.

SECTION G – PHYSICS

Type*	**Location**	**Old Note**	**New/Modified Note**
N	G01N 33/00		Insert: The following new Note. In groups G01N 33/52 - G01N 33/98, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place. {This Note corresponds to IPC Note (1) relating to G01N 33/52 - G01N 33/98.}
D	G01N 33/579	Groups G01N33/53 - G01N33/576 take precedence over groups G01N33/58 - G01N33/98	Delete: The existing Note.
D	G01N 33/98	In groups G01N35/00 - G01N35/085, the indexing codes of G01N are added	Delete: The existing Note.
D	G01N 2333/465	In groups G01N2333/47 - G01N2333/994 indexing codes are assigned irrespective to the source of the indicated proteins.	Delete: The existing Note.
M	G01R	4. In this subclass, group G01R 17/00 takes precedence over groups G01R 19/00 - G01R 31/00.	Replace: The existing Note 4 with the following modified Note: 4. In this subclass, instruments or arrangements for measuring electric variables are classified in the following way: • Electromechanical instruments where the measured electric variables direcly effect the indication of the measured value, including combined effects of two or more values, are classified in groups G01R 5/00 - G01R 11/00.

Type*	Location	Old Note	New/Modified Note
			• Details common to different types of the instruments covered by groups G01R 5/00 - G01R 11/00 are classified in group G01R 1/00. • Arrangements involving circuitry to obtain an indication of a measured value by deriving, calculating or otherwise processing electric variables, e.g. by comparison with another value, are classified in groups G01R 17/00 - G01R 29/00. • Details common to different types of arrangements covered by groups G01R 17/00 - G01R 29/00 are classified in group G01R 15/00.
M	G01R 11/00	For the definition of "arrangement" see Note (2) under G01R	Insert: The following new Note as Note 1 prior to the existing Note. Relabel the existing Note as Note 2. 1. Groups G01R 11/48 - G01R 11/56 take precedence over groups G01R 11/30 - G01R 11/46. {This Note corresponds to IPC Note (1) relating to G01R 11/30 - G01R 11/46.}
D	G01R 11/25	Groups G01R11/48 - G01R11/66 take precedence over groups G01R11/30 - G01R11/46.	Delete: The existing Note.
D	G05D 1/12	Within groups G05D3/00 - G05D3/20, in the absence of an indication of the contrary, an invention is classified in the last appropriate place	Delete: The existing Note.
M	G06K 9/00	1. In this group, the following term is used with the meaning indicated: 1. In this group, the following term is used with the meaning indicated:	Replace: The existing Notes with the following new Notes labeled 1 through 4.

Type*	**Location**	**Old Note**	**New/Modified Note**
		– "recognising" includes several functions such as extracting features, clustering, classifying or matching. 2. IPC subgroups G06K 9/20, G06K 9/36, G06K 9/62 and G06K 9/74 refer to methods or arrangements that can be applied to a pattern independently of its nature or to that are applied to specific patterns not included in the subgroups in the range G06K 9/00006 - G06K 9/00852. The CPC subgroups in the range G06K 9/00006 - G06K 9/00852 refer to the same methods or arrangements when applied or specially adapted to the specific patterns to which these subgroups relate. 3. The present group does not cover the use of recognised patterns in specific applications, e.g. the use of traced gestures recognised as commands to be input to a computer is covered by the groups under G06F 3/00	1. Group G06K 9/58 takes precedence over groups G06K 9/38 - G06K 9/54. {This Note corresponds to IPC Note (1) relating to G06K 9/38 - G06K 9/54.} 2. {In this group, the following term is used with the meaning indicated: – "recognising" includes several functions such as extracting features, clustering, classifying or matching.} 3. {IPC subgroups G06K 9/20, G06K 9/36, G06K 9/62 and G06K 9/74 refer to methods or arrangements that can be applied to a pattern independently of its nature or to that are applied to specific patterns not included in the subgroups in the range G06K 9/00006 - G06K 9/00852. The CPC subgroups in the range G06K 9/00006 - G06K 9/00852 refer to the same methods or arrangements when applied or specially adapted to the specific patterns to which these subgroups relate.} 4. {The present group does not cover the use of recognised patterns in specific applications, e.g. the use of traced gestures recognised as commands to be input to a computer is covered by the groups under G06F 3/00.}
D	G06K 9/36	Group G06K9/58 takes precedence over groups G06K9/38 - G06K9/54	Delete: The existing Note.
N	G11C 11/00		Insert: The following new Note. Group G11C 11/56 takes precedence over groups G11C 11/02 - G11C 11/54. {This Note corresponds to IPC Note (1) relating to G11C 11/02 - G11C 11/56.}
D	G11C 11/005	Group G11C11/56 takes precedence over groups G11C11/02 - G11C11/54	Delete: The existing Note.

SECTION H – ELECTRICITY

Type*	Location	Old Note	New/Modified Note
N	H01C 7/04		Insert: The following new Note. {In groups H01C7/043 - H01C7/049, the last place priority rule is applied, i.e. at each hierarchical level, in the absence of an indication to the contrary, classification is made in the last appropriate place.}
D	H01C 7/042	In groups H01C7/043 - H01C7/049, in the absence of an indication to the contrary, classification is made in the last appropriate place	Delete: The existing Note.
N	H01F 1/00		Insert: The following new Notes labeled 1 and 2. 1. Attention is drawn to Note (3) after the title of section C, which Note indicates to which version of the periodic table of chemical elements the IPC refers. In this group, the Periodic System used is the 8 group system indicated by Roman numerals in the Periodic Table thereunder. 2. {Group H01F1/0036 takes precedence over groups H01F1/09, H01F1/11, H01F1/20, H01F1/33 and H01F1/36}
D	H01F 1/0027	{In groups H01F1/09, H01F1/11, H01F1/20, H01F1/33, and H01F1/36, the group H01F 1/0036 takes precedence}	Delete: The existing Note.

Type*	**Location**	**Old Note**	**New/Modified Note**
N	H01F 41/00		Insert: The following new Note. Group H01F 41/30 takes precedence over groups H01F 41/16 - H01F 41/24 {, and over group H01F 41/32. This Note corresponds to IPC Note (1) relating to H01F 41/16 - H01F 41/24, H01F 41/32.}
D	H01F 41/14	In groups H01F41/16 - H01F41/24, and H01F41/32, the group H01F 41/30 takes precedence	Delete: The existing Note.
N	H01J 29/46		Insert: The following new Note. H01J 29/48 takes precedence over groups H01J 29/52 - H01J 29/58.
D	H01J 29/467	H01J29/48 - H01J29/51 take precedence over groups H01J29/52 - H01J29/68.	Delete: The existing Note.
N	H01L 21/2251		Insert: The following new Note. {In groups H01L21/2254 - H01L21/2257 one should consider the main compositional parts of the applied layer just before the diffusion step}
D	H01L 21/2253	In groups H01L21/2254 - H01L21/2257 one should consider the main compositional parts of the applied layer just before the diffusion step	Delete: The existing Note.
N	H01L 29/786		Insert: The following new Note. In groups H01L29/78651 - H01L29/78696, the materials specified for the transistors are the material of the channel region
D	H01L 29/78645	In groups H01L29/78651 - H01L29/78696, the materials specified for the transistors are the material of the channel region	Delete: The existing Note.

Type*	**Location**	**Old Note**	**New/Modified Note**
M	H02K	1. This subclass covers the structural adaptation of dynamo-electric machines for the purpose of their control. 2. This subclass does not cover starting, regulating, electronically commutating, braking, or otherwise controlling motors, generators or dynamo-electric converters, in general, which are covered by subclass H02P. 3. Attention is drawn to the Notes following the titles of class B81 and subclass B81B relating to "microstructural devices" and "microstructural systems". 4. {In this subclass, it is desirable to add the indexing codes of H02K 2201/00 - H02K 2213/12.}	Insert: The following new Note as Note 4 prior to the existing Note 4. Relabel the existing Note 4 as Note 5. Group H02K 16/00 takes precedence over groups H02K 17/00 - H02K 53/00. {This Note corresponds to IPC Note (1) relating to H02K 17/00 - H02K 53/00.}
D	H02K 16/04	Group H02K16/00 takes precedence over groups H02K17/00 - H02K53/00.	Delete: The existing Note.
N	H02P 1/00		Insert: The following new Note. {Group H02P1/029 takes precedence over groups H02P1/26 - H02P1/54.}
D	H02P 1/24	Group H02P1/029 takes precedence over groups H02P1/26 - H02P1/54	Delete: The existing Note.
N	H03F 3/00		Insert: The following new Note. Groups H03F 3/20 - H03F 3/72 take precedence over groups H03F 3/02 - H03F 3/189. {This Note corresponds to IPC Note (1) relating to H03F 3/02 - H03F 3/189.}
D	H03F 3/005	Groups H03F3/20 - H03F3/72 take precedence over groups H03F3/02 - H03F3/195	Delete: The existing Note.

Type*	**Location**	**Old Note**	**New/Modified Note**
N	H03J 1/00		Insert: The following new Note. Groups H03J 1/14, H03J 1/16 take precedence over groups H03J 1/08 - H03J 1/12. {This Note corresponds to IPC Note (1) relating to H03J 1/08 - H03J 1/12.}
D	H03J 1/066	Groups H03J1/14, H03J1/16 take precedence over groups H03J1/08 - H03J1/12.	Delete: The existing Note.
D	H04N 2201/02404	Indexing codes of group H04N2201/02406 can be used in combination, i.e. a code followed by additional codes preceded by a "+" sign, or in isolation	Delete: The existing Note.
D	H04N 2201/02449	Indexing codes of group H04N2201/02452 can be used in combination, i.e. a code followed by additional codes preceded by a "+" sign, or in isolation	Delete: The existing Note.
N	H05B 3/68		Insert: The following new Note. Group H05B 3/76 takes precedence over groups H05B 3/70 - H05B 3/74. {This Note corresponds to IPC Note (1) relating to H05B 3/70 - H05B 3/76.}
D	H05B 3/688	Group H05B 3/76 takes precedence over groups H05B 3/70, H05B 3/72, H05B 3/74.	Delete: The existing Note.

*N = new note, M = modified note, D = deleted note

NOTE: The “Location” column only requires the symbol PRIOR to the location of the note. No further directions such as “before” or “after” are required.