

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 558

DATE: AUGUST 1, 2018

PROJECT RP0075

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

| <u>Action*</u>  | <u>Subclass</u> | <u>Group(s)</u>   |
|---|-----------------|---|
| <b>SCHEME:</b>  |                 |   |
| Symbols Deleted Pending Reclassification:<br>(frozen (F)) | A61K            | 38/1764   |
| Symbols New:  | A61K            | 39/001102, 39/001103, 39/001104, 39/001106, 39/001107, 39/001108, 39/001109, 39/001111, 39/001111, 39/001112, 39/001113, 39/001114, 39/001116, 39/001117, 39/001118, 39/001119, 39/00112, 39/001121, 39/001122, 39/001124, 39/001126, 39/001128, 39/001129, 39/00113, 39/001131, 39/001132, 39/001133, 39/001134, 39/001135, 39/001136, 39/001138, 39/001139, 39/00114, 39/001141, 39/001142, 39/001144, 39/001148, 39/001149, 39/00115, 39/001151, 39/001152, 39/001153, 39/001154, 39/001156, 39/001157, 39/001158, 39/001159, 39/00116, 39/001161, 39/001162, 39/001163, 39/001164, 39/001166, 39/001168, 39/001169, 39/00117, 39/001171, 39/001172, 39/001173, 39/001174, 39/001176, 39/001178, 39/00118, 39/001181, 39/001182, 39/001184, 39/001186, 39/001188, 39/001189, 39/00119, 39/001191, 39/001192, 39/001193, 39/001194, 39/001195, 39/001196, 39/001197, 39/001198, 2039/80, 2039/804, 2039/812, 2039/82, 2039/828, 2039/836, 2039/844, 2039/852, 2039/86, 2039/868, 2039/876, 2039/884, 2039/892 |

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| <u>Action*</u> | <u>Subclass</u> | <u>Group(s)</u>             |
|----------------|-----------------|-----------------------------|
| Warnings New:  | A61K            | 38/1764                     |
|                | A61K            | 39/0011, 39/001102, 2039/80 |

**No other subclasses/groups are impacted by this Notice of Changes.**  
*[Remove if not used]*

**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

A. New, Modified or Deleted Group(s)

**SUBCLASS A61K - PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES** (devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms A61J 3/00; chemical aspects of, or use of materials for deodorisation of air, for disinfection or sterilisation, or for bandages, dressings, absorbent pads or surgical articles A61L; {compounds per se C01, C07, C08, C12N}; soap compositions C11D; {micro-organisms per se C12N})

| <u>Type*</u> | <u>Symbol</u> | <u>Indent Level Number of dots (e.g. 0, 1, 2)</u> | <u>Title (new or modified)</u><br><u>“CPC only” text should normally be enclosed in {curly brackets}**</u> | <u>Transferred to#</u>   |
|--------------|---------------|---|--|--|
| F            | A61K 38/1764  | 6   | <i>{Tumor specific antigens; Tumor rejection antigen precursors [TRAP], e.g. MAGE}</i>                     | A61K 39/0011,<br>A61K 39/001102,<br>A61K 39/001103,<br>A61K 39/001104,<br>A61K 39/001106,<br>A61K 39/001107,<br>A61K 39/001108,<br>A61K 39/001109,<br>A61K 39/00111,<br>A61K 39/001111,<br>A61K 39/001112,<br>A61K 39/001113,<br>A61K 39/001114,<br>A61K 39/001116,<br>A61K 39/001117,<br>A61K 39/001118,<br>A61K 39/001119,<br>A61K 39/00112,<br>A61K 39/001121,<br>A61K 39/001122,<br>A61K 39/001124,<br>A61K 39/001126,<br>A61K 39/001128,<br>A61K 39/001129,<br>A61K 39/00113,<br>A61K 39/001131,<br>A61K 39/001132,<br>A61K 39/001133,<br>A61K 39/001134,<br>A61K 39/001135,<br>A61K 39/001136, |

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|--------------|---------------|---|--|--|
|              |               |   |  | A61K 39/001138,<br>A61K 39/001139,<br>A61K 39/00114,<br>A61K 39/001141,<br>A61K 39/001142,<br>A61K 39/001144,<br>A61K 39/001148,<br>A61K 39/001149,<br>A61K 39/00115,<br>A61K 39/001151,<br>A61K 39/001152,<br>A61K 39/001153,<br>A61K 39/001154,<br>A61K 39/001156,<br>A61K 39/001157,<br>A61K 39/001158,<br>A61K 39/001159,<br>A61K 39/00116,<br>A61K 39/001161,<br>A61K 39/001162,<br>A61K 39/001163,<br>A61K 39/001164,<br>A61K 39/001166,<br>A61K 39/001168,<br>A61K 39/001169,<br>A61K 39/00117,<br>A61K 39/001171,<br>A61K 39/001172,<br>A61K 39/001173,<br>A61K 39/001174,<br>A61K 39/001176,<br>A61K 39/001178,<br>A61K 39/00118,<br>A61K 39/001181,<br>A61K 39/001182,<br>A61K 39/001184,<br>A61K 39/001186,<br>A61K 39/001188,<br>A61K 39/001189,<br>A61K 39/00119,<br>A61K 39/001191,<br>A61K 39/001192,<br>A61K 39/001193,<br>A61K 39/001194,<br>A61K 39/001195,<br>A61K 39/001196, |

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|--------------|---------------|---|--|--|
|              |               |   |  | A61K 39/001197,<br>A61K 39/001198,<br>A61K 2039/80,<br>A61K 2039/804,<br>A61K 2039/812,<br>A61K 2039/82,<br>A61K 2039/828,<br>A61K 2039/836,<br>A61K 2039/844,<br>A61K 2039/852,<br>A61K 2039/86,<br>A61K 2039/868,<br>A61K 2039/876,<br>A61K 2039/884,<br>A61K 2039/892   |
| C            | A61K 39/0011  | 2   | {Cancer antigens}  | A61K 39/0011,<br>A61K 39/001102,<br>A61K 39/001103,<br>A61K 39/001104,<br>A61K 39/001106,<br>A61K 39/001107,<br>A61K 39/001108,<br>A61K 39/001109,<br>A61K 39/00111,<br>A61K 39/001111,<br>A61K 39/001112,<br>A61K 39/001113,<br>A61K 39/001114,<br>A61K 39/001116,<br>A61K 39/001117,<br>A61K 39/001118,<br>A61K 39/001119,<br>A61K 39/00112,<br>A61K 39/001121,<br>A61K 39/001122,<br>A61K 39/001124,<br>A61K 39/001126,<br>A61K 39/001128,<br>A61K 39/001129,<br>A61K 39/00113,<br>A61K 39/001131,<br>A61K 39/001132,<br>A61K 39/001133,<br>A61K 39/001134,<br>A61K 39/001135,<br>A61K 39/001136, |

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|--------------|---------------|---|--|--|
|              |               |   |  | A61K 39/001138,<br>A61K 39/001139,<br>A61K 39/00114,<br>A61K 39/001141,<br>A61K 39/001142,<br>A61K 39/001144,<br>A61K 39/001148,<br>A61K 39/001149,<br>A61K 39/00115,<br>A61K 39/001151,<br>A61K 39/001152,<br>A61K 39/001153,<br>A61K 39/001154,<br>A61K 39/001156,<br>A61K 39/001157,<br>A61K 39/001158,<br>A61K 39/001159,<br>A61K 39/00116,<br>A61K 39/001161,<br>A61K 39/001162,<br>A61K 39/001163,<br>A61K 39/001164,<br>A61K 39/001166,<br>A61K 39/001168,<br>A61K 39/001169,<br>A61K 39/00117,<br>A61K 39/001171,<br>A61K 39/001172,<br>A61K 39/001173,<br>A61K 39/001174,<br>A61K 39/001176,<br>A61K 39/001178,<br>A61K 39/00118,<br>A61K 39/001181,<br>A61K 39/001182,<br>A61K 39/001184,<br>A61K 39/001186,<br>A61K 39/001188,<br>A61K 39/001189,<br>A61K 39/00119,<br>A61K 39/001191,<br>A61K 39/001192,<br>A61K 39/001193,<br>A61K 39/001194,<br>A61K 39/001195,<br>A61K 39/001196, |

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|--------------|----------------|---|--|--|
|              |                |   |  | A61K 39/001197,<br>A61K 39/001198,<br>A61K 2039/80,<br>A61K2 039/804,<br>A61K 2039/812,<br>A61K 2039/82,<br>A61K 2039/828,<br>A61K 2039/836,<br>A61K 2039/844,<br>A61K 2039/852,<br>A61K 2039/86,<br>A61K 2039/868,<br>A61K 2039/876,<br>A61K 2039/884,<br>A61K 2039/892 |
| N            | A61K 39/001102 | 3   | {Receptors, cell surface antigens or cell surface determinants}                                  |  |
| N            | A61K 39/001103 | 4   | {Receptors for growth factors}   |  |
| N            | A61K 39/001104 | 5   | {Epidermal growth factor receptors [EGFR]}   |  |
| N            | A61K 39/001106 | 5   | {Her-2/neu/ErbB2, Her-3/ErbB3, Her 4/ErbB4}  |  |
| N            | A61K 39/001107 | 5   | {Fibroblast growth factor receptors [FGFR]}  |  |
| N            | A61K 39/001108 | 5   | {Platelet-derived growth factor receptors [PDGFR]}   |  |
| N            | A61K 39/001109 | 5   | {[Vascular endothelial growth factor receptors [VEGFR]}  |  |
| N            | A61K 39/00111  | 5   | {Hepatocyte growth factor receptor [HGFR or c-met]}  |  |
| N            | A61K 39/001111 | 4   | {Immunoglobulin superfamily}   |  |
| N            | A61K 39/001112 | 5   | {CD19, B4}   |  |
| N            | A61K 39/001113 | 5   | {CD22, BL-CAM, siglec-2, sialic acid-binding Ig-related lectin 2}                                |  |
| N            | A61K 39/001114 | 5   | {CD74, Ii, MHC class II invariant chain, MHC class II gamma chain}                               |  |
| N            | A61K 39/001116 | 4   | {Receptors for cytokines}  |  |
| N            | A61K 39/001117 | 5   | {Receptors for tumor necrosis factors [TNF], e.g. lymphotoxin receptor [LTR], CD30}              |  |
| N            | A61K 39/001118 | 5   | {Receptors for colony stimulating factors [CSF]}   |  |
| N            | A61K 39/001119 | 5   | {Receptors for interleukins [IL]}  |  |
| N            | A61K 39/00112  | 5   | {Receptors for interferons [IFN]}  |  |
| N            | A61K 39/001121 | 5   | {Receptors for chemokines}   |  |
| N            | A61K 39/001122 | 4   | {Ephrin Receptors [Eph]}   |  |
| N            | A61K 39/001124 | 4   | {CD20}   |  |

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|--------------|----------------|---|--|-----------------------------------|
| N            | A61K 39/001126 | 4   | {CD38} not IgG   |                                   |
| N            | A61K 39/001128 | 4   | {CD44} not IgG   |                                   |
| N            | A61K 39/001129 | 4   | {Molecules with a "CD" designation not provided for elsewhere}                                   |                                   |
| N            | A61K 39/00113  | 3   | {Growth factors}   |                                   |
| N            | A61K 39/001131 | 4   | {Epidermal growth factor [EGF]}  |                                   |
| N            | A61K 39/001132 | 4   | {Fibroblast growth factors [FGF]}  |                                   |
| N            | A61K 39/001133 | 4   | {Platelet-derived growth factor [PDGF]}  |                                   |
| N            | A61K 39/001134 | 4   | {Transforming growth factor [TGF]}   |                                   |
| N            | A61K 39/001135 | 4   | {Vascular endothelial growth factor [VEGF]}  |                                   |
| N            | A61K 39/001136 | 3   | {Cytokines}  |                                   |
| N            | A61K 39/001138 | 4   | {Tumor necrosis factors [TNF], CD70}   |                                   |
| N            | A61K 39/001139 | 4   | {Colony stimulating factors [CSF]}   |                                   |
| N            | A61K 39/00114  | 4   | {Interleukins [IL]}  |                                   |
| N            | A61K 39/001141 | 4   | {Interferons [IFN]}  |                                   |
| N            | A61K 39/001142 | 4   | {Chemokines}   |                                   |
| N            | A61K 39/001144 | 3   | {Hormones, e.g. calcitonin}  |                                   |
| N            | A61K 39/001148 | 3   | {Regulators of development}  |                                   |
| N            | A61K 39/001149 | 4   | {Cell cycle regulated proteins, e.g. cyclin, CDC, CDK, INK-CCR}                                  |                                   |
| N            | A61K 39/00115  | 4   | {Apoptosis related proteins, e.g. survivin, livin}   |                                   |
| N            | A61K 39/001151 | 5   | {p53}  |                                   |
| N            | A61K 39/001152 | 3   | {Transcription factors, e.g. SOX, c-MYC}   |                                   |
| N            | A61K 39/001153 | 4   | {Wilms tumor 1 [WT1]}  |                                   |
| N            | A61K 39/001154 | 3   | {Enzymes}  |                                   |
| N            | A61K 39/001156 | 4   | {Tyrosinase and tyrosinase related proteinases [TRP-1, TRP-2]}                                   |                                   |
| N            | A61K 39/001157 | 4   | {Telomerase, TERT [telomerase reverse transcriptase]}  |                                   |
| N            | A61K 39/001158 | 4   | {Proteinases}  |                                   |
| N            | A61K 39/001159 | 5   | {Matrix metalloproteinases [MMP]}  |                                   |
| N            | A61K 39/00116  | 5   | {Serine proteases, e.g. kallikrein}  |                                   |
| N            | A61K 39/001161 | 5   | {Caspases}   |                                   |
| N            | A61K 39/001162 | 4   | {Kinases, e.g. Raf, Src}   |                                   |
| N            | A61K 39/001163 | 4   | {Phosphatases}   |                                   |
| N            | A61K 39/001164 | 4   | {GTPases, e.g. Ras, Rho}   |                                   |
| N            | A61K 39/001166 | 3   | {Adhesion molecules, e.g. NRCAM, EpCAM, cadherins}   |                                   |
| N            | A61K 39/001168 | 4   | {Mesothelin [MSLN]}  |                                   |
| N            | A61K 39/001169 | 3   | {Tumor associated carbohydrates}   |                                   |
| N            | A61K 39/00117  | 4   | {Mucins, e.g. MUC-1}   |                                   |
| N            | A61K 39/001171 | 4   | {Gangliosides, e.g. GM2, GD2, GD3}   |                                   |
| N            | A61K 39/001172 | 4   | {sialyl Thomson-nouvelle antigen [sTN]}  |                                   |



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|--------------|----------------|---|---|-----------------------------------|
| N            | A61K 39/001173 | 4   | {Globo-H}   |                                   |
| N            | A61K 39/001174 | 3   | {Proteoglycans, e.g. glypican, brevican, CSPG4}   |                                   |
| N            | A61K 39/001176 | 3   | {Heat shock proteins}   |                                   |
| N            | A61K 39/001178 | 3   | {Tumor rejection antigen precursor [TRAP]}  |                                   |
| N            | A61K 39/00118  | 3   | {from embryonic or fetal origin}  |                                   |
| N            | A61K 39/001181 | 4   | {Alpha-feto protein}  |                                   |
| N            | A61K 39/001182 | 4   | {Carcinoembryonic antigen [CEA]}  |                                   |
| N            | A61K 39/001184 | 3   | {Cancer testis antigens, e.g. SSX, BAGE, GAGE, SAGE}  |                                   |
| N            | A61K 39/001186 | 4   | {MAGE}  |                                   |
| N            | A61K 39/001188 | 4   | {NY-ESO}  |                                   |
| N            | A61K 39/001189 | 4   | {PRAME}   |                                   |
| N            | A61K 39/00119  | 3   | {Melanoma antigens}   |                                   |
| N            | A61K 39/001191 | 4   | {Melan-A/MART}  |                                   |
| N            | A61K 39/001192 | 4   | {Glycoprotein 100 [Gp100]}  |                                   |
| N            | A61K 39/001193 | 3   | {Prostate associated antigens e.g. Prostate stem cell antigen [PSCA]; Prostate carcinoma tumor antigen [PCTA]; PAP, PSGR} |                                   |
| N            | A61K 39/001194 | 4   | {Prostate specific antigen [PSA]}   |                                   |
| N            | A61K 39/001195 | 4   | {Prostate specific membrane antigen [PSMA]}   |                                   |
| N            | A61K 39/001196 | 3   | {Fusion proteins originating from gene translocation in cancer cells}   |                                   |
| N            | A61K 39/001197 | 4   | {Breakpoint cluster region-abelson tyrosine kinase [BCR-ABL]}   |                                   |
| N            | A61K 39/001198 | 4   | {Pml-RARalpha}  |                                   |
|              |                |   |   |                                   |
| U            | A61K 2039/70   | 1   | {Multivalent vaccine}   |                                   |
| N            | A61K 2039/80   | 1   | {Vaccine for a specifically defined cancer}   |                                   |
| N            | A61K 2039/804  | 2   | {Blood cells [leukemia, lymphoma]}  |                                   |
| N            | A61K 2039/812  | 2   | {Breast}  |                                   |
| N            | A61K 2039/82   | 2   | {Colon}   |                                   |
| N            | A61K 2039/828  | 2   | {Stomach}   |                                   |
| N            | A61K 2039/836  | 2   | {Intestine}   |                                   |
| N            | A61K 2039/844  | 2   | {Liver}   |                                   |
| N            | A61K 2039/852  | 2   | {Pancreas}  |                                   |
| N            | A61K 2039/86   | 2   | {Lung}  |                                   |
| N            | A61K 2039/868  | 2   | {kidney}  |                                   |
| N            | A61K 2039/876  | 2   | {Skin, melanoma}  |                                   |
| N            | A61K 2039/884  | 2   | {prostate}  |                                   |
| N            | A61K 2039/892  | 2   | {Reproductive system [uterus, ovaries, cervix, testes]}   |                                   |

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\*N = new entries where reclassification into entries is involved; C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; E= existing entries with enlarged file scope, which receive documents from C or D entries, e.g. when a limiting reference is removed from the entry title; M = entries with no change to the file scope (no reclassification); D = deleted entries; F = frozen entries will be deleted once reclassification of documents from the entries is completed; U = entries that are unchanged.

#### NOTES:

- \*\*No { curly brackets } are used for titles in CPC only subclasses, e.g. C12Y, A23Y; 2000 series symbol titles of groups found at the end of schemes (orthogonal codes); or the Y section titles. The { curly brackets } are used for 2000 series symbol titles found interspersed throughout the main trunk schemes (breakdown codes).
- For U groups, the minimum requirement is to include the U group located immediately prior to the N group or N group array, in order to show the N group hierarchy and improve the readability and understanding of the scheme. Always include the symbol, indent level and title of the U group in the table above.
- All entry types should be included in the scheme changes table above for better understanding of the overall scheme change picture. Symbol, indent level, and title are required for all types except “D” which requires only a symbol.
- #“Transferred to” column must be completed for all C, D, F, and Q type entries. F groups will be deleted once reclassification is completed.
- When multiple symbols are included in the “Transferred to” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.

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B. New, Modified or Deleted Warning notice(s)

**SUBCLASS A61K - PREPARATIONS FOR MEDICAL, DENTAL, OR TOILET PURPOSES (devices or methods specially adapted for bringing pharmaceutical products into particular physical or administering forms A61J 3/00; chemical aspects of, or use of materials for deodorisation of air, for disinfection or sterilisation, or for bandages, dressings, absorbent pads or surgical articles A61L; {compounds per se C01, C07, C08, C12N } ; soap compositions C11D; {micro-organisms per se C12N})**

| <u>Type*</u> | <u>Location</u> | <u>Old Warning notice</u> | <u>New/Modified Warning notice</u>   |
|--------------|-----------------|---------------------------|--|
| N            | A61K 38/1764    |                           | <p>Group A61K 38/1764 is no longer used for the classification of documents as of August 1, 2018. The content of this group is being reclassified into groups</p> <p>A61K 39/0011, A61K 39/001102, A61K 39/001103, A61K 39/001104, A61K 39/001106, A61K 39/001107, A61K 39/001108, A61K 39/001109, A61K 39/00111, A61K 39/001111, A61K 39/001112, A61K 39/001113, A61K 39/001114, A61K 39/001116, A61K 39/001117, A61K 39/001118, A61K 39/001119, A61K 39/00112, A61K 39/001121, A61K 39/001122, A61K 39/001124, A61K 39/001126, A61K 39/001128, A61K 39/001129, A61K 39/00113, A61K 39/001131, A61K 39/001132, A61K 39/001133, A61K 39/001134, A61K 39/001135, A61K 39/001136, A61K 39/001138, A61K 39/001139, A61K 39/00114, A61K 39/001141, A61K 39/001142, A61K 39/001144, A61K 39/001148, A61K 39/001149, A61K 39/00115, A61K 39/001151, A61K 39/001152, A61K 39/001153, A61K 39/001154, A61K 39/001156, A61K 39/001157, A61K 39/001158, A61K 39/001159, A61K 39/00116, A61K 39/001161, A61K 39/001162, A61K 39/001163, A61K 39/001164, A61K 39/001166, A61K 39/001168, A61K 39/001169, A61K 39/00117, A61K 39/001171, A61K 39/001172, A61K 39/001173, A61K 39/001174, A61K 39/001176, A61K 39/001178, A61K 39/00118, A61K 39/001181, A61K 39/001182, A61K 39/001184, A61K 39/001186, A61K 39/001188, A61K 39/001189,</p> |

CPC NOTICE OF CHANGES 558

DATE: AUGUST 1, 2018

PROJECT RP0075

| <u>Type*</u> | <u>Location</u> | <u>Old Warning notice</u> | <u>New/Modified Warning notice</u>   |
|--------------|-----------------|---------------------------|--|
|              |                 |                           | <p>A61K 39/00119, A61K 39/001191, A61K 39/001192, A61K 39/001193, A61K 39/001194, A61K 39/001195, A61K 39/001196, A61K 39/001197, A61K 39/001198, A61K 2039/80, A61K 2039/804, A61K 2039/812, A61K 2039/82, A61K 2039/828, A61K 2039/836, A61K 2039/844, A61K 2039/852, A61K 2039/86, A61K 2039/868, A61K 2039/876, A61K 2039/884, and A61K 2039/892. All groups listed in this Warning should be considered in order to perform a complete search.</p>  |
| N            | A61K39/0011     |                           | <p>Group A61K 39/0011 is incomplete pending reclassification of documents from group A61K 38/1764. Group A61K 39/0011 is also impacted by reclassification into groups<br/> A61K 39/001102, A61K 39/001103, A61K 39/001104, A61K 39/001106, A61K 39/001107, A61K 39/001108, A61K 39/001109, A61K 39/00111, A61K 39/001111, A61K 39/001112, A61K 39/001113, A61K 39/001114, A61K 39/001116, A61K 39/001117, A61K 39/001118, A61K 39/001119, A61K 39/00112, A61K 39/001121, A61K 39/001122, A61K 39/001124, A61K 39/001126, A61K 39/001128, A61K 39/001129, A61K 39/00113, A61K 39/001131, A61K 39/001132, A61K 39/001133, A61K 39/001134, A61K 39/001135, A61K 39/001136, A61K 39/001138, A61K 39/001139, A61K 39/00114, A61K 39/001141, A61K 39/001142, A61K 39/001144, A61K 39/001148, A61K 39/001149, A61K 39/00115, A61K 39/001151, A61K 39/001152, A61K 39/001153, A61K 39/001154, A61K 39/001156, A61K 39/001157, A61K 39/001158, A61K 39/001159, A61K 39/00116, A61K 39/001161, A61K 39/001162, A61K 39/001163, A61K 39/001164, A61K 39/001166, A61K 39/001168, A61K 39/001169, A61K 39/00117, A61K 39/001171, A61K 39/001172, A61K 39/001173, A61K 39/001174, A61K 39/001176, A61K 39/001178,</p> |

CPC NOTICE OF CHANGES 558

DATE: AUGUST 1, 2018

PROJECT RP0075

| <u>Type*</u> | <u>Location</u> | <u>Old Warning notice</u> | <u>New/Modified Warning notice</u>  |
|--------------|-----------------|---------------------------|---|
|              |                 |                           | A61K 39/00118, A61K 39/001181, A61K 39/001182, A61K 39/001184, A61K 39/001186, A61K 39/001188, A61K 39/001189, A61K 39/00119, A61K 39/001191, A61K 39/001192, A61K 39/001193, A61K 39/001194, A61K 39/001195, A61K 39/001196, A61K 39/001197, A61K 39/001198, A61K 2039/80, A61K 2039/804, A61K 2039/812, A61K 2039/82, A61K 2039/828, A61K 2039/836, A61K 2039/844, A61K 2039/852, A61K 2039/86, A61K 2039/868, A61K 2039/876, A61K 2039/884, and A61K 2039/892. All groups listed in this Warning should be considered in order to perform a complete search. |
| N            | A61K 39/001102  |                           | Groups A61K 39/001102-A61K 39/001198 are incomplete pending reclassification of documents from group A61K 39/0011. Groups A61K 38/1764, A61K 39/0011, and A61K 39/001102-A61K 39/001198 should be considered in order to perform a complete search.   |
| N            | A61K 2039/80    |                           | Groups A61K 2039/80-A61K 2039/892 are incomplete pending reclassification of documents from group A61K 39/0011. Groups A61K 38/1764, A61K 39/0011 and A61K 2039/80- A61K 2039/892 should be considered in order to perform a complete search.   |

\*N = new warning, M = modified warning, D = deleted warning

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

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DATE: AUGUST 1, 2018

PROJECT RP0075

3. REVISION CONCORDANCE LIST (RCL)

CPC NOTICE OF CHANGES 558

DATE: AUGUST 1, 2018

PROJECT RP0075

| <b>Type*</b> | <b>From CPC Symbol (existing)</b> | <b>To CPC Symbol(s)</b>   |
|--------------|-----------------------------------|---|
| F            | A61K 38/1764                      | A61K 39/0011, A61K 39/001102, A61K 39/001103, A61K 39/001104, A61K 39/001106, A61K 39/001107, A61K 39/001108, A61K 39/001109, A61K 39/00111, A61K 39/001111, A61K 39/001112, A61K 39/001113, A61K 39/001114, A61K 39/001116, A61K 39/001117, A61K 39/001118, A61K 39/001119, A61K 39/00112, A61K 39/001121, A61K 39/001122, A61K 39/001124, A61K 39/001126, A61K 39/001128, A61K 39/001129, A61K 39/00113, A61K 39/001131, A61K 39/001132, A61K 39/001133, A61K 39/001134, A61K 39/001135, A61K 39/001136, A61K 39/001138, A61K 39/001139, A61K 39/00114, A61K 39/001141, A61K 39/001142, A61K 39/001144, A61K 39/001148, A61K 39/001149, A61K 39/00115, A61K 39/001151, A61K 39/001152, A61K 39/001153, A61K 39/001154, A61K 39/001156, A61K 39/001157, A61K 39/001158, A61K 39/001159, A61K 39/00116, A61K 39/001161, A61K 39/001162, A61K 39/001163, A61K 39/001164, A61K 39/001166, A61K 39/001168, A61K 39/001169, A61K 39/00117, A61K 39/001171, A61K 39/001172, A61K 39/001173, A61K 39/001174, A61K 39/001176, A61K 39/001178, A61K 39/00118, A61K 39/001181, A61K 39/001182, A61K 39/001184, A61K 39/001186, A61K 39/001188, A61K 39/001189, A61K 39/00119, A61K 39/001191, A61K 39/001192, A61K 39/001193, A61K 39/001194, A61K 39/001195, A61K 39/001196, A61K 39/001197, A61K 39/001198, A61K 2039/80, A61K 2039/804, A61K 2039/812, A61K 2039/82, A61K 2039/828, A61K 2039/836, A61K 2039/844, A61K 2039/852, A61K 2039/86, A61K 2039/868, A61K 2039/876, A61K 2039/884, A61K 2039/892 |

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|   |              |   |
|---|--------------|---|
| C | A61K 39/0011 | A61K 39/0011, A61K 39/001102, A61K 39/001103, A61K 39/001104, A61K 39/001106, A61K 39/001107, A61K 39/001108, A61K 39/001109, A61K 39/00111, A61K 39/001111, A61K 39/001112, A61K 39/001113, A61K 39/001114, A61K 39/001116, A61K 39/001117, A61K 39/001118, A61K 39/001119, A61K 39/00112, A61K 39/001121, A61K 39/001122, A61K 39/001124, A61K 39/001126, A61K 39/001128, A61K 39/001129, A61K 39/00113, A61K 39/001131, A61K 39/001132, A61K 39/001133, A61K 39/001134, A61K 39/001135, A61K 39/001136, A61K 39/001138, A61K 39/001139, A61K 39/00114, A61K 39/001141, A61K 39/001142, A61K 39/001144, A61K 39/001148, A61K 39/001149, A61K 39/00115, A61K 39/001151, A61K 39/001152, A61K 39/001153, A61K 39/001154, A61K 39/001156, A61K 39/001157, A61K 39/001158, A61K 39/001159, A61K 39/00116, A61K 39/001161, A61K 39/001162, A61K 39/001163, A61K 39/001164, A61K 39/001166, A61K 39/001168, A61K 39/001169, A61K 39/00117, A61K 39/001171, A61K 39/001172, A61K 39/001173, A61K 39/001174, A61K 39/001176, A61K 39/001178, A61K 39/00118, A61K 39/001181, A61K 39/001182, A61K 39/001184, A61K 39/001186, A61K 39/001188, A61K 39/001189, A61K 39/00119, A61K 39/001191, A61K 39/001192, A61K 39/001193, A61K 39/001194, A61K 39/001195, A61K 39/001196, A61K 39/001197, A61K 39/001198, A61K 2039/80, A61K 2039/804, A61K 2039/812, A61K 2039/82, A61K 2039/828, A61K 2039/836, A61K 2039/844, A61K 2039/852, A61K 2039/86, A61K 2039/868, A61K 2039/876, A61K 2039/884, A61K 2039/892 |
|---|--------------|---|

\* C = entries with modified file scope where reclassification of documents from the entries is involved; Q = new entries which are firstly populated with documents via administrative transfers from deleted (D) entries. Afterwards, the transferred documents into the Q entry will either stay or be moved to more appropriate entries, as determined by intellectual reclassification; D = deleted entries.

NOTES:

- Only C, D, F and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, avoid using ranges of symbols in order to be as precise as possible.
- For administrative transfer of documents, the following text should be used: “< administrative transfer to XX>” or “<administrative transfer to XX and YY simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be “invention information”, unless otherwise indicated, and to 2000 series groups is assumed to be “additional information”.



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4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)

| <u>CPC</u>     | <u>IPC</u> | <u>Action*</u> |
|----------------|------------|----------------|
| A61K 39/001102 | A61K 39/00 | NEW            |
| A61K 39/001103 | A61K 39/00 | NEW            |
| A61K 39/001104 | A61K 39/00 | NEW            |
| A61K 39/001106 | A61K 39/00 | NEW            |
| A61K 39/001107 | A61K 39/00 | NEW            |
| A61K 39/001108 | A61K 39/00 | NEW            |
| A61K 39/001109 | A61K 39/00 | NEW            |
| A61K 39/00111  | A61K 39/00 | NEW            |
| A61K 39/001111 | A61K 39/00 | NEW            |
| A61K 39/001112 | A61K 39/00 | NEW            |
| A61K 39/001113 | A61K 39/00 | NEW            |
| A61K 39/001114 | A61K 39/00 | NEW            |
| A61K 39/001116 | A61K 39/00 | NEW            |
| A61K 39/001117 | A61K 39/00 | NEW            |
| A61K 39/001118 | A61K 39/00 | NEW            |
| A61K 39/001119 | A61K 39/00 | NEW            |
| A61K 39/00112  | A61K 39/00 | NEW            |
| A61K 39/001121 | A61K 39/00 | NEW            |
| A61K 39/001122 | A61K 39/00 | NEW            |
| A61K 39/001124 | A61K 39/00 | NEW            |
| A61K 39/001126 | A61K 39/00 | NEW            |
| A61K 39/001128 | A61K 39/00 | NEW            |
| A61K 39/001129 | A61K 39/00 | NEW            |
| A61K 39/00113  | A61K 39/00 | NEW            |
| A61K 39/001131 | A61K 39/00 | NEW            |
| A61K 39/001132 | A61K 39/00 | NEW            |
| A61K 39/001133 | A61K 39/00 | NEW            |
| A61K 39/001134 | A61K 39/00 | NEW            |
| A61K 39/001135 | A61K 39/00 | NEW            |
| A61K 39/001136 | A61K 39/00 | NEW            |
| A61K 39/001138 | A61K 39/00 | NEW            |
| A61K 39/001139 | A61K 39/00 | NEW            |
| A61K 39/00114  | A61K 39/00 | NEW            |
| A61K 39/001141 | A61K 39/00 | NEW            |
| A61K 39/001142 | A61K 39/00 | NEW            |
| A61K 39/001144 | A61K 39/00 | NEW            |
| A61K 39/001148 | A61K 39/00 | NEW            |
| A61K 39/001149 | A61K 39/00 | NEW            |
| A61K 39/00115  | A61K 39/00 | NEW            |
| A61K 39/001151 | A61K 39/00 | NEW            |

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| <b><u>CPC</u></b> | <b><u>IPC</u></b> | <b><u>Action*</u></b> |
|-------------------|-------------------|-----------------------|
| A61K 39/001152    | A61K 39/00        | NEW                   |
| A61K 39/001153    | A61K 39/00        | NEW                   |
| A61K 39/001154    | A61K 39/00        | NEW                   |
| A61K 39/001156    | A61K 39/00        | NEW                   |
| A61K 39/001157    | A61K 39/00        | NEW                   |
| A61K 39/001158    | A61K 39/00        | NEW                   |
| A61K 39/001159    | A61K 39/00        | NEW                   |
| A61K 39/00116     | A61K 39/00        | NEW                   |
| A61K 39/001161    | A61K 39/00        | NEW                   |
| A61K 39/001162    | A61K 39/00        | NEW                   |
| A61K 39/001163    | A61K 39/00        | NEW                   |
| A61K 39/001164    | A61K 39/00        | NEW                   |
| A61K 39/001166    | A61K 39/00        | NEW                   |
| A61K 39/001168    | A61K 39/00        | NEW                   |
| A61K 39/001169    | A61K 39/00        | NEW                   |
| A61K 39/00117     | A61K 39/00        | NEW                   |
| A61K 39/001171    | A61K 39/00        | NEW                   |
| A61K 39/001172    | A61K 39/00        | NEW                   |
| A61K 39/001173    | A61K 39/00        | NEW                   |
| A61K 39/001174    | A61K 39/00        | NEW                   |
| A61K 39/001176    | A61K 39/00        | NEW                   |
| A61K 39/001178    | A61K 39/00        | NEW                   |
| A61K 39/00118     | A61K 39/00        | NEW                   |
| A61K 39/001181    | A61K 39/00        | NEW                   |
| A61K 39/001182    | A61K 39/00        | NEW                   |
| A61K 39/001184    | A61K 39/00        | NEW                   |
| A61K 39/001186    | A61K 39/00        | NEW                   |
| A61K 39/001188    | A61K 39/00        | NEW                   |
| A61K 39/001189    | A61K 39/00        | NEW                   |
| A61K 39/00119     | A61K 39/00        | NEW                   |
| A61K 39/001191    | A61K 39/00        | NEW                   |
| A61K 39/001192    | A61K 39/00        | NEW                   |
| A61K 39/001193    | A61K 39/00        | NEW                   |
| A61K 39/001194    | A61K 39/00        | NEW                   |
| A61K 39/001195    | A61K 39/00        | NEW                   |
| A61K 39/001196    | A61K 39/00        | NEW                   |
| A61K 39/001197    | A61K 39/00        | NEW                   |
| A61K 39/001198    | A61K 39/00        | NEW                   |
| A61K 2039/80      | A61K 39/00        | NEW                   |
| A61K 2039/804     | A61K 39/00        | NEW                   |
| A61K 2039/812     | A61K 39/00        | NEW                   |
| A61K 2039/82      | A61K 39/00        | NEW                   |
| A61K 2039/828     | A61K 39/00        | NEW                   |

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| <b><u>CPC</u></b> | <b><u>IPC</u></b> | <b><u>Action*</u></b> |
|-------------------|-------------------|-----------------------|
| A61K 2039/836     | A61K 39/00        | NEW                   |
| A61K 2039/844     | A61K 39/00        | NEW                   |
| A61K 2039/852     | A61K 39/00        | NEW                   |
| A61K 2039/86      | A61K 39/00        | NEW                   |
| A61K 2039/868     | A61K 39/00        | NEW                   |
| A61K 2039/876     | A61K 39/00        | NEW                   |
| A61K 2039/884     | A61K 39/00        | NEW                   |
| A61K 2039/892     | A61K 39/00        | NEW                   |

\*Action column:

- For an (N) or (Q) entry, provide an IPC symbol and complete the Action column with “NEW.”
- For an existing CPC main trunk entry or indexing entry where the existing IPC symbol needs to be changed, provide an updated IPC symbol and complete the Action column with “UPDATED.”
- For a (D) CPC entry or indexing entry complete the Action column with “DELETE.” IPC symbol does not need to be included in the IPC column.
- For an (N) 2000 series CPC entry which is positioned within the main trunk scheme (breakdown code) provide an IPC symbol and complete the action column with “NEW”.
- For an (N) 2000 series CPC entry positioned at the end of the CPC scheme (orthogonal code), with no IPC equivalent, complete the IPC column with “CPCONLY” and complete the action column with “NEW”.

NOTES:

- F symbols are not included in the CICL table above.
- E and M symbols are not included in the CICL table above unless a change to the existing IPC is desired.