

EUROPEAN PATENT OFFICE  
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1221

DATE: JANUARY 1, 2022

PROJECT MP0514

**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>		
Titles Changed:	A01C	Subclass
	A01C	1/00, 1/02, 1/06
	A01C	3/00, 3/02, 3/028, 3/04
	A01C	5/02, 5/045
	A01C	7/00, 7/02, 7/04, 7/06, 7/08, 7/082, 7/16, 7/166, 7/18, 7/20, 7/208
	A01C	9/00, 9/04, 9/08
	A01C	11/00
	A01C	15/00, 15/02, 15/06, 15/10, 15/122, 15/14
	A01C	17/00
	A01C	21/00, 21/005
	A01C	23/00, 23/006, 23/022, 23/027, 23/042, 23/045, 23/047
Warning Deleted:	A01C	Subclass
<b>DEFINITIONS:</b>		
Definitions Modified:	A01C	Subclass
	A01C	3/00
	A01C	7/00, 7/16
	A01C	15/00

**No other subclasses/groups are impacted by this Notice of Changes.**

**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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CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

**SUBCLASS A01C - PLANTING; SOWING; FERTILISING (combined with general working of soil A01B 49/04; parts, details or accessories of agricultural machines or implements, in general A01B 51/00 - A01B 75/00; {apparatus for spreading sand or salt E01C; sowing and fertilizing with aircraft B64D 1/16 - B64D 1/20})**

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> “CPC only” text should normally be enclosed in {curly brackets}**	<u>Transferred to#</u>
M	A01C	Subclass	PLANTING; SOWING; FERTILISING (parts, details or accessories of agricultural machines or implements, in general A01B51/00 - A01B75/00)	
M	A01C1/00	0	Apparatus, or methods of use thereof, for testing or treating seed, roots, or the like, prior to sowing or planting	
M	A01C1/02	1	Germinating apparatus; Determining germination capacity of seeds or the like	
M	A01C1/06	1	Coating or dressing seed	
M	A01C3/00	0	Treating manure; Manuring	
M	A01C3/02	1	Storage places for manure, e.g. cisterns for liquid manure; Installations for fermenting manure	
M	A01C3/028	2	{Covers, roofs or other structures for covering manure storage places}	
M	A01C3/04	1	Manure loaders	
M	A01C5/02	1	Hand tools for making holes for sowing, planting or manuring	
M	A01C5/045	2	{ with piercing buckets }	
M	A01C7/00	0	Sowing	
M	A01C7/02	1	Hand sowing implements	
M	A01C7/04	1	Single-grain seeders with or without suction devices	
M	A01C7/06	1	Seeders combined with fertilising apparatus	
M	A01C7/08	1	Broadcast seeders; Seeders depositing seeds in rows	
M	A01C7/082	3	{Ducts, distribution pipes or details thereof for pneumatic seeders}	
M	A01C7/16	2	Seeders with other distributing devices, e.g. brushes, discs, screws or slides	
M	A01C7/166	3	{Centrifugal distributors}	
M	A01C7/18	1	Machines for depositing quantities of seed at intervals	
M	A01C7/20	1	Parts of seeders for conducting and depositing seed	

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<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of dots</u> <u>(e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed</u> <u>in {curly brackets}**</u>	<u>Transferred to#</u>
M	A01C7/208	2	{Chassis; Coupling means to a tractor or the like; Lifting means; Side markers}	
M	A01C9/00	0	Potato planters	
M	A01C9/04	1	with bucket wheels	
M	A01C9/08	1	with other distributing devices, e.g. flaps, screws, horizontal turning plates	
M	A01C11/00	0	Transplanting machines	
M	A01C15/00	0	Fertiliser distributors ({combined with seeders} A01C7/06)	
M	A01C15/02	1	for hand use	
M	A01C15/06	1	with distributing slots {, e.g. adjustable openings for dosing}	
M	A01C15/10	3	with reciprocating pushers {or stirrers in front of the slots}	
M	A01C15/122	2	{with moving floor parts}	
M	A01C15/14	1	with means for lifting out the fertiliser	
M	A01C17/00	0	Fertilisers or seeders with centrifugal wheels	
M	A01C21/00	0	Methods of fertilising {, sowing or planting}	
M	A01C21/005	1	{Following a specific plan, e.g. pattern}	
M	A01C23/00	0	Distributing devices specially adapted for liquid manure or other fertilising liquid, including ammonia, e.g. transport tanks or sprinkling wagons	
M	A01C23/006	1	{Distribution of liquid fertilisers by gravity flow}	
M	A01C23/022	3	{Continuous injection tools}	
M	A01C23/027	2	{Other methods for delivering fertiliser into the soil}	
M	A01C23/042	2	{Adding fertiliser to watering systems}	
M	A01C23/045	2	{Filling devices for liquid manure or slurry tanks}	
M	A01C23/047	2	{Spraying of liquid fertilisers}	

\*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; T= 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).
- U groups: it is obligatory to display the required “anchor” symbol (U group), i.e. the entry immediately preceding a new group or an array of new groups to be created (in case new groups are not clearly subgroups of C-type groups). 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.

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- “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>”, “<administrative transfer to XX and YY simultaneously>”, or “<administrative transfer to XX, YY ...and ZZ simultaneously>” when administrative transfer of the same documents is to more than one place.
- Administrative transfer to main trunk groups is assumed to be the source allocation type, unless otherwise indicated.
- Administrative transfer to 2000/Y series groups is assumed to be “additional information”.
- If needed, instructions for allocation type should be indicated within the angle brackets using the abbreviations “ADD” or “INV”: <administrative transfer to XX ADD> , <administrative transfer to XX INV>, or < administrative transfer to XX ADD, YY INV, ... and ZZ ADD simultaneously>.
- In certain situations, the “D” entries of 2000-series or Y-series groups may not require a destination (“Transferred to”) symbol, however it is required to specify “<no transfer>” in the “Transferred to” column for such cases.
- For finalisation projects, the deleted “F” symbols should have <no transfer> in the “Transferred to” column.
- For more details about the types of scheme change, see CPC Guide.

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B. New, Modified or Deleted Warning(s)

**SUBCLASS A01C - PLANTING; SOWING; FERTILISING (combined with general working of soil A01B 49/04; parts, details or accessories of agricultural machines or implements, in general A01B 51/00 - A01B 75/00; {apparatus for spreading sand or salt E01C; sowing and fertilizing with aircraft B64D 1/16 - B64D 1/20})**

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
D	A01C	In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.	<u>Delete the entire</u> warning.

\*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.

**1. A. DEFINITIONS (Modified)**

**A01C**

**Limiting references**

Replace: The two existing references in the “Limiting references” table with the following one reference.

Parts, details or accessories of agricultural machines or implements, in general	A01B 51/00 - A01B 75/00
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**Informative references**

Delete: The following existing reference from the “Informative references” table.

Parts or accessories of agricultural machines or implements, in general	A01B 51/00 - A01B 75/00
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Insert: The following two new references in the existing “Informative references” table.

Combined with general working of soil	A01B49/04
Sowing and fertilizing with aircraft	B64D 1/16 - B64D 1/20

**A01C 3/00**

**Definition statement**

Replace: All of the existing text and the table row in the “Definition statement” section with the following updated text.

General methods for treating manure for its specific use as an agricultural input.

**Informative references**

Insert: The following new reference in the existing “Informative references” table.

Liquid manure	A01C 23/00
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**A01C 7/00**

**Limiting references**

Delete: The entire existing “Limiting references” section.

**Informative references**

Insert: The following new reference in the existing “Informative references” table.

Sowing with centrifugal wheels	<a href="#">A01C 17/00</a>
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**A01C 7/16**

**Limiting references**

Delete: The entire existing “Limiting references” section.

Insert: The following new “Informative references” section.

**Informative references**

*Attention is drawn to the following places, which may be of interest for search:*

Seeders with distributing slots	<a href="#">A01C 15/06</a>
Seeders with slides	<a href="#">A01C 15/124</a>
Seeders with chains	<a href="#">A01C 15/18</a>

**A01C 15/00**

**Informative references**

Insert: The following new reference in the existing “Informative references” table.

Fertilisers or seeders with centrifugal wheels	<a href="#">A01C 17/00</a>
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