

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1687

DATE: JANUARY 1, 2025

PROJECT RP12462

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Symbols Deleted:	A01G	13/02, 13/0206, 13/0212, 2013/0218, 13/0225, 13/0231, 13/0237, 13/0243, 13/025, 13/0256, 13/0262, 13/0268, 13/0275, 13/0281, 13/0287, 13/0293, 13/04, 13/043, 2013/046
Symbols New:	A01G	13/20, 13/21, 13/22, 13/23, 13/24, 13/26, 13/262, 13/264, 13/27, 13/28, 13/29, 13/30, 13/31, 13/32, 13/33, 13/35, 13/37, 13/372, 13/38, 13/39
Titles Changed:	A01G	9/14
	A01G	13/00, 13/10
Warnings New:	A01G	13/30, 13/32, 13/33, 13/37, 13/39
Warnings Modified:	A01G	SUBCLASS
DEFINITIONS:		
Definitions Deleted: (no frozen (F) symbol definitions should be deleted)	A01G	13/02, 13/04
Definitions New:	A01G	13/26
Definitions Modified:	A01G	9/14, 9/20, 9/22
	A01G	13/00, 13/10

The following subclasses/groups are also impacted by this Notice of Changes (indicate subclasses/groups outside of the project scope, such as those listed in the CRL):

A01C 5/045, A01F 25/13, A63C 19/12, C09K 17/52, E01F 7/025

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-IPCCONCORDANCE LIST (CICL)

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5. CHANGES TO THE CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS A01G - HORTICULTURE; CULTIVATION OF VEGETABLES, FLOWERS, RICE, FRUIT, VINES, HOPS OR SEAWEED; FORESTRY; WATERING

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0, 1,</u> <u>2)</u>	<u>Title</u> <u>“CPC only” text should normally be</u> <u>enclosed in {curly brackets}**</u>	<u>Transferred to#</u>
M	A01G9/14	1	Greenhouses	
M	A01G13/00	0	Protection of plants (greenhouses A01G9/14)	
U	A01G2013/004	1	{Liquid mulch}	
D	A01G13/02	1	Protective coverings for plants; {Coverings for the ground;} Devices for laying-out {or removing} coverings	<administrative transfer to A01G13/20>
D	A01G13/0206	2	{Canopies, i.e. devices providing a roof above the plants}	<administrative transfer to A01G13/21>
D	A01G13/0212	3	{for individual plants, e.g. for plants in pots}	<administrative transfer to A01G13/22>
D	A01G2013/0218	2	{for removing}	<administrative transfer to A01G13/372 INV>
D	A01G13/0225	2	{Wind breakers, i.e. devices providing lateral protection of the plants}	<administrative transfer to A01G13/23>
D	A01G13/0231	2	{Tunnels, i.e. protective full coverings for rows of plants (dismountable or portable greenhouses A01G9/16)}	<administrative transfer to A01G13/24>
D	A01G13/0237	2	{Devices for protecting a specific part of a plant, e.g. roots, trunk or fruits}	<administrative transfer to A01G13/27>
D	A01G13/0243	2	{Protective shelters for young plants, e.g. tubular sleeves}	<administrative transfer to A01G13/28>
D	A01G13/025	2	{Devices for laying-out or removing plant coverings (for ground coverings A01G13/0287)}	<administrative transfer to A01G13/29>
D	A01G13/0256	2	{Ground coverings}	<administrative transfer to A01G13/30>
D	A01G13/0262	3	{Mulches, i.e. covering material not-pre-formed in mats or sheets (A01G13/0281 takes precedence; composition of mulches C09K17/52)}	<administrative transfer to A01G13/35>
D	A01G13/0268	3	{Mats or sheets, e.g. nets or fabrics (A01G13/0281 takes precedence)}	<administrative transfer to A01G13/32>
D	A01G13/0275	4	{Films}	<administrative transfer to A01G13/33>
D	A01G13/0281	3	{Protective ground coverings for individual plants, e.g. for plants in pots (coverings around trees forming part of a road E01C9/005)}	<administrative transfer to A01G13/31>
D	A01G13/0287	3	{Devices for laying-out or removing ground coverings}	<administrative transfer to A01G13/37>

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D	A01G13/0293	3	{Anchoring means for ground coverings }	<administrative transfer to A01G13/38>
D	A01G13/04	2	Cloches {, i.e. protective full coverings for individual plants (individual canopies A01G13/0212)}	<administrative transfer to A01G13/26>
D	A01G13/043	3	{with flexible coverings }	<administrative transfer to A01G13/262>
D	A01G2013/046	3	{foldable }	<administrative transfer to A01G13/264INV>
U	A01G13/06	1	Devices for generating heat, smoke or fog in gardens, orchards or forests, e.g. to prevent damage by frost	
U	A01G13/065	2	{Frost protection by generating fog or by spraying }	
U	A01G13/08	1	Mechanical apparatus for circulating the air	
M	A01G13/10	1	Devices for affording protection against animals, birds or other pests (scaring or repelling devices A01M29/00)	
U	A01G13/105	2	{Protective devices against slugs, snails, crawling insects or other climbing animals }	
N	A01G13/20	1	Protective coverings for plants	
N	A01G13/21	2	providing overhead protection, i.e. canopies	
N	A01G13/22	3	for individual plants	
N	A01G13/23	2	providing lateral protection, e.g. from wind	
N	A01G13/24	2	Tunnels for covering rows of plants	
N	A01G13/26	2	Cloches	
N	A01G13/262	3	{with flexible coverings }	
N	A01G13/264	3	{foldable }	
N	A01G13/27	2	protecting specific parts of plants, e.g. roots, trunks or fruits	
N	A01G13/28	2	protecting young plants	
N	A01G13/29	2	Arrangements for laying out or removing plant coverings	
Q	A01G13/30	1	Ground coverings	A01G13/30, A01G13/39
N	A01G13/31	2	for individual plants	
Q	A01G13/32	2	Mats; Nets; Sheets or films	A01G13/32, A01G13/33, A01G13/39
Q	A01G13/33	3	Sheets or films	A01G13/33, A01G13/39
N	A01G13/35	2	Mulches, i.e. loose material	
Q	A01G13/37	2	Arrangements for laying out or removing ground coverings	A01G13/37, A01G13/39
N	A01G13/372	3	{for removing ground coverings }	
N	A01G13/38	2	Anchoring means for ground coverings	
N	A01G13/39	2	Arrangements for perforating installed ground coverings	

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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; 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.
- “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 finalization 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 notice(s)

SUBCLASS A01G - HORTICULTURE; CULTIVATION OF VEGETABLES, FLOWERS, RICE, FRUIT, VINES, HOPS OR SEAWEED; FORESTRY; WATERING

<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
M	A01G	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: A01G33/02 covered by A01G33/00</p> <p>2. 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.</p>	<p>1. The following IPC groups are not in the CPC scheme. The subject matter for these IPC groups is classified in the following CPC groups: A01G33/02 covered by A01G33/00</p> <p>2. {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. }</p>
N	A01G13/30		<p>Group A01G13/30 is impacted by reclassification into group A01G13/39.</p> <p>Groups A01G13/30 and A01G13/39 should be considered in order to perform a complete search.</p>
N	A01G13/32		<p>Group A01G13/32 is impacted by reclassification into groups A01G13/33 and A01G13/39.</p> <p>Groups A01G13/32, A01G13/33 and A01G13/39 should be considered in order to perform a complete search.</p>
N	A01G13/33		<p>Group A01G13/33 is incomplete pending reclassification of documents from group A01G13/32.</p> <p>Group A01G13/33 is also impacted by reclassification into group A01G13/39.</p> <p>Groups A01G13/32, A01G13/33 and A01G13/39 should be considered in order to perform a complete search.</p>
N	A01G13/37		<p>Group A01G13/37 is impacted by reclassification into group A01G13/39.</p> <p>Groups A01G13/37 and A01G13/39 should be considered in order to perform a complete search.</p>

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<u>Type*</u>	<u>Location</u>	<u>Old Warning notice</u>	<u>New/Modified Warning notice</u>
N	A01G13/39		Group A01G13/39 is incomplete pending reclassification of documents from groups A01G13/30, A01G13/32, A01G13/33 and A01G13/37. All groups listed in this Warning 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.

2. A. DEFINITIONS (new)

Insert: The following new Definition.

A01G 13/26

References

Informative references

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

Providing overhead protection, i.e. canopies, for individual plants	A01G13/22
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2. A. DEFINITIONS (modified)

A01G 9/14

References

Delete: The entire Limiting references section.

Informative references

Insert: The following new row to the Informative references table.

Cloches for protecting plants	A01G13/26
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A01G 13/00

Insert: The following new Definition statement.

Definition statement

This place covers:

The protection of plants through the use of physical or mechanical arrangements.

Insert: The following new Relationships section.

Relationship with other classification places

Protection of plants using chemical compositions, e.g. biocides or pest repellants, or preserving or maintaining freshness of plants is classified in [A01N](#).

References

Replace: The existing Limiting references table with the following updated table.

Limiting references

Greenhouses	A01G9/14
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Insert: The following new row to the Informative references table.

Informative references

Apparatus for the destruction of noxious animals or noxious plants	A01M
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A01G 13/10

References

Delete: The following row from the Limiting references table.

Limiting references

Protective shelters for young plants	A01G13/0243
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Insert: The following row to the Informative references table.

Informative references

Protective coverings for young plants	A01G13/28
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2. B. DEFINITIONS QUICK FIX

Symbol	Location of change (e.g., section title)	Existing reference symbol or text	Action; New symbol; New text
A01G9/20	Informative references	A01G 13/0231	Replace symbol with: A01G 13/24
A01G9/22	Informative references	A01G 13/0206	Replace symbol with: A01G 13/21
A01G13/02			Delete entire definition
A01G13/04			Delete entire definition

Notes:

Use this Definitions Quick Fix (DQF) table to:

- Delete an entire definition
- Delete an entire section
- Change a reference symbol
- Delete a reference symbol
- Delete text in a References section
- Correct one error in spelling, article use or verb tense

Otherwise, use the standard template.

Reminder: Never delete F symbol definitions.

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3. REVISION CONCORDANCE LIST (RCL)

Type*	From CPC Symbol (existing)	To CPC Symbol(s)
D	A01G 13/02	<administrative transfer to A01G 13/20>
D	A01G 13/0206	<administrative transfer to A01G 13/21>
D	A01G 13/0212	<administrative transfer to A01G 13/22>
D	A01G 2013/0218	<administrative transfer to A01G 13/372 INV>
D	A01G 13/0225	<administrative transfer to A01G 13/23>
D	A01G 13/0231	<administrative transfer to A01G 13/24>
D	A01G 13/0237	<administrative transfer to A01G 13/27>
D	A01G 13/0243	<administrative transfer to A01G 13/28>
D	A01G 13/025	<administrative transfer to A01G 13/29>
D	A01G 13/0256	<administrative transfer to A01G 13/30>
D	A01G 13/0262	<administrative transfer to A01G 13/35>
D	A01G 13/0268	<administrative transfer to A01G 13/32>
D	A01G 13/0275	<administrative transfer to A01G 13/33>
D	A01G 13/0281	<administrative transfer to A01G 13/31>
D	A01G 13/0287	<administrative transfer to A01G 13/37>
D	A01G 13/0293	<administrative transfer to A01G 13/38>
D	A01G 13/04	<administrative transfer to A01G 13/26>
D	A01G 13/043	<administrative transfer to A01G 13/262>
D	A01G 2013/046	<administrative transfer to A01G 13/264 INV>
Q	A01G 13/30	A01G 13/30, A01G 13/39
Q	A01G 13/32	A01G 13/32, A01G 13/33, A01G 13/39
Q	A01G 13/33	A01G 13/33, A01G 13/39
Q	A01G 13/37	A01G 13/37, A01G 13/39

* 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; F = frozen entries will be deleted once reclassification of documents from the entries is completed.

NOTES:

- Only C, D, F, and Q type entries are included in the table above.
- When multiple symbols are included in the “To” column, do not use ranges of symbols.
- 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 (“To”) symbol, however it is required to specify “<no transfer>” in the “To” column for such cases.
- RCL is not needed for finalisation projects.

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

<u>CPC</u>	<u>IPC</u>	<u>Action*</u>
A01G 13/02		DELETE
A01G 13/0206		DELETE
A01G 13/0212		DELETE
A01G 2013/0218		DELETE
A01G 13/0225		DELETE
A01G 13/0231		DELETE
A01G 13/0237		DELETE
A01G 13/0243		DELETE
A01G 13/025		DELETE
A01G 13/0256		DELETE
A01G 13/0262		DELETE
A01G 13/0268		DELETE
A01G 13/0275		DELETE
A01G 13/0281		DELETE
A01G 13/0287		DELETE
A01G 13/0293		DELETE
A01G 13/04		DELETE
A01G 13/043		DELETE
A01G 2013/046		DELETE
A01G 13/20	A01G 13/20	NEW
A01G 13/21	A01G 13/21	NEW
A01G 13/22	A01G 13/22	NEW
A01G 13/23	A01G 13/23	NEW
A01G 13/24	A01G 13/24	NEW
A01G 13/26	A01G 13/26	NEW
A01G 13/262	A01G 13/26	NEW
A01G 13/264	A01G 13/26	NEW
A01G 13/27	A01G 13/27	NEW
A01G 13/28	A01G 13/28	NEW
A01G 13/29	A01G 13/29	NEW
A01G 13/30	A01G 13/30	NEW
A01G 13/31	A01G 13/31	NEW
A01G 13/32	A01G 13/32	NEW
A01G 13/33	A01G 13/33	NEW
A01G 13/35	A01G 13/35	NEW
A01G 13/37	A01G 13/37	NEW
A01G 13/372	A01G 13/37	NEW
A01G 13/38	A01G 13/38	NEW
A01G 13/39	A01G 13/39	NEW

* Action column:

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

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5. CROSS-REFERENCE LIST (CRL)

Scheme references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Action; New reference symbol; New text</u>
E01F 7/025	A01G 13/00	A01G 13/23
E01F 7/025	noise absorption;	Delete: “noise absorption;” so that the updated title appears as follows. { Devices specially adapted for protecting against wind, e.g. screens, deflectors or attenuators at tunnel or lock entrances (for protecting plants A01G 13/23; airfield deflectors for jet gases B64F 1/26; portable windscreens, e.g. for beach use E04H 15/003)}

Definitions references impacted by this revision project

<u>Location of reference to be changed</u>	<u>Referenced subclass or group to be changed</u>	<u>Section of definition</u>	<u>Action; New reference symbol; New text</u>
A01C 5/045	A01G 13/02	Informative references	Replace symbol with: A01G 13/29
A01F 25/13	A01G 13/02	Informative references	Replace symbol with: A01G 13/20
A63C 19/12	A01G 13/02	Informative references	Replace symbol with: A01G 13/20
C09K 17/52	A01G 13/02	Informative references	Replace text and symbol with: Protection of plants with mulches A01G 13/35

NOTES:

- The CRL tables above are used for changes to locations **outside** of the project scope. Changes to references in scheme titles or definitions **inside** the project scope will be reflected in the “scheme change” template or one of the “definition” templates.
- In addition to other changes proposed in the tables above, in the column titled “Referenced subclass or group to be changed,” **referenced D** symbols should indicate an action of “delete” or should indicate a replacement symbol and **referenced F** symbols should indicate a replacement symbol.
- When a reference is deleted, text related to that reference will also be deleted unless other references or a range of references associated with the same text remain.