

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1397

DATE: FEBRUARY 1, 2023

PROJECT MP11917

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
SCHEME:		
Titles Changed:	H02G	Subclass
	H02G	1/04, 1/06, 1/12, 1/14
	H02G	3/00, 3/04, 3/08, 3/16, 3/22, 3/30, 3/36
	H02G	5/04
	H02G	7/00, 7/16, 7/20
	H02G	9/00, 9/10, 9/12
	H02G	11/00
	H02G	13/00
	H02G	15/06, 15/08, 15/10, 15/28
DEFINITIONS:		
Definitions Modified:	H02G	Subclass
	H02G	1/04, 1/06, 1/12, 1/14
	H02G	3/00, 3/04, 3/08, 3/16, 3/22, 3/30, 3/36
	H02G	7/00, 7/16, 7/20
	H02G	9/00, 9/10, 9/12
	H02G	11/00
	H02G	13/00
	H02G	15/06, 15/08, 15/10

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)

CPC NOTICE OF CHANGES 1397

DATE: FEBRUARY 1, 2023

PROJECT MP11917

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

CPC NOTICE OF CHANGES 1397

DATE: FEBRUARY 1, 2023

PROJECT MP11917

1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS H02G – INSTALLATION OF ELECTRIC CABLES OR LINES, OR OF COMBINED OPTICAL AND ELECTRIC CABLES OR LINES

<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	H02G	Subclass	INSTALLATION OF ELECTRIC CABLES OR LINES, OR OF COMBINED OPTICAL AND ELECTRIC CABLES OR LINES	
M	H02G 1/04	2	for mounting or stretching	
M	H02G 1/06	1	for laying cables, e.g. laying apparatus on vehicle	
M	H02G 1/12	1	for removing insulation or armouring from cables, e.g. from the end thereof	
M	H02G 1/14	1	for joining or terminating cables	
M	H02G 3/00	0	Installations of electric cables or lines or protective tubing therefor in or on buildings, equivalent structures or vehicles (installations of bus-bars H02G 5/00; overhead installations H02G 7/00; installations in or on the ground H02G 9/00)	
M	H02G 3/04	2	Protective tubing or conduits, e.g. cable ladders or cable troughs	
M	H02G 3/08	2	Distribution boxes; Connection or junction boxes	
M	H02G 3/16	3	structurally associated with support for line-connecting terminals within the box	
M	H02G 3/22	1	Installations of cables or lines through walls, floors or ceilings, e.g. into buildings	
M	H02G 3/30	1	Installations of cables or lines on walls, floors or ceilings	
M	H02G 3/36	1	Installations of cables or lines in walls, floors or ceilings	
M	H02G 5/04	1	Partially-enclosed installations, e.g. in ducts and adapted for sliding or rolling current collection	
M	H02G 7/00	0	Overhead installations of electric lines or cables (installations of bus-bars H02G 5/00)	
M	H02G 7/16	1	Devices for removing snow or ice from lines or cables	
M	H02G 7/20	1	Spatial arrangements or dispositions of lines or cables on poles, posts or towers	

CPC NOTICE OF CHANGES 1397

DATE: FEBRUARY 1, 2023

PROJECT MP11917

Type*	Symbol	Indent Level Number of dots (e.g. 0, 1, 2)	Title “CPC only” text should normally be enclosed in {curly brackets}**	Transferred to#
M	H02G 9/00	0	Installations of electric cables or lines in or on the ground or water	
M	H02G 9/10	1	in cable chambers, e.g. in manhole or in handhole	
M	H02G 9/12	1	supported on or from floats, e.g. in water	
M	H02G 11/00	0	Arrangements of electric cables or lines between relatively-movable parts	
M	H02G 13/00	0	Installations of lightning conductors; Fastening thereof to supporting structure	
M	H02G 15/06	2	Cable terminating boxes, frames or other structures	
M	H02G 15/08	1	Cable junctions (for gas or oil filled cables H02G 15/24)	
M	H02G 15/10	2	protected by boxes, e.g. by distribution, connection or junction boxes	
M	H02G 15/28	2	structurally associated with devices for indicating the presence or location of non-electric faults	

*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.

CPC NOTICE OF CHANGES 1397

DATE: FEBRUARY 1, 2023

PROJECT MP11917

- 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.

2. A. DEFINITIONS (modified)

H02G

Insert: The following new Relationships section:

Relationships with other classification places

Installation of purely optical cables is covered by G02B 6/46.

References

Delete: The entire 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:

Mechanical structures of optical cables	G02B 6/4401
Insulated conductors or cables with arrangements for facilitating mounting or securing	H01B 7/40
Distribution points incorporating switches	H02B
Guiding telephone cords	H04M 1/15
Cable ducts or mountings for telephone or telegraph exchange installations	H04Q 1/06

H02G 1/04

Definition statement

Replace: The existing text with the following revised text:

- Ground vehicles or helicopter stringing;
- Methods for stringing;
- Devices temporarily fixed to pole for stringing lines.

DATE: FEBRUARY 1, 2023

PROJECT MP11917

References***Informative references***Replace: The existing Informative references table with the following revised table:

Wire stretchers in general	B25B 25/00
Manufacturing or repairing trolley lines	B60M 1/28

H02G 1/06**References**Delete: The entire Limiting references section.***Informative references***Replace: The existing Informative references table with the following revised table:

Laying cables combined with trench digging or back-filling machines or dredgers	E02F 5/00
Installations of electric cables or lines in or on the ground or water	H02G 9/00

H02G 1/12**References*****Informative references***Insert: The following new row into the Informative references table:

Insulated conductors or cables with arrangements for facilitating removal of insulation	H01B 7/38
---	-----------

DATE: FEBRUARY 1, 2023

PROJECT MP11917

H02G 1/14

Definition statement

Insert: A period at the end of the Definition statement text so that it reads as follows:

The process of joining (end-to end) or bundling (side-by-side) or terminating cables.

References

Delete: The entire 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:

Details of the cable terminations	H02G 15/02
Details of the cable joints	H02G 15/08
Joining electric conductors	H01R 43/00

H02G 3/00

Definition statement

Insert: Semicolons and a period into the Definition statement text so that it appears as follows:

- Complete wiring of buildings or rooms;
- Pre-wired installation;
- Wirings for modular walls.

DATE: FEBRUARY 1, 2023

PROJECT MP11917

References

Limiting references

Delete: The following row from the Limiting references table:

Channels or vertical ducts for receiving utility lines	E04F 17/08
--	------------

Informative references

Insert: The following new row into the Informative references table:

Channels or vertical ducts for receiving utility lines on buildings	E04F 17/08
---	------------

H02G 3/04

References

Informative references

Replace: The word “tubings” with “tubing” so that the table row reads as follows:

Pipes or tubing in general	F16L
----------------------------	------

H02G 3/08

References

Delete: The entire 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:

Cable terminations	H02G 15/02
Electrical connections	H01R 13/00

DATE: FEBRUARY 1, 2023

PROJECT MP11917

H02G 3/16

Definition statement

Insert: A period at the end of the Definition statement text so that it reads as follows:

Provisions inside the boxes, housings and enclosures for cable connecting.

References

Delete: The entire 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:

Terminals	H01R 9/00
Details of coupling devices	H01R 13/00

H02G 3/22

References

Informative references

Replace: The existing Informative references table with the following revised table:

Devices for use where pipes or cables pass through walls or partitions	F16L 5/00
Lead-in or lead-through insulators	H01B 17/26
Insulating tubes or sleeves	H01B 17/58

DATE: FEBRUARY 1, 2023

PROJECT MP11917

H02G 3/30

Definition statement

Insert: A period at the end of the Definition statement text so that it reads as follows:

Means for fastening cables to walls.

References

Informative references

Replace: The word “Support” with “Supports” so that the first table row reads as follows:

Supports for pipes, cables or protective tubing	F16L 3/00
---	-----------

H02G 3/36

Definition statement

Insert: A period at the end of the Definition statement text so that it reads as follows:

Holding means for cables in walls.

Insert: The following new References/Informative references section:

References

Informative references

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

Installations of cables or lines through walls, floors or ceilings, e.g. into buildings	H02G 3/22
---	-----------

DATE: FEBRUARY 1, 2023

PROJECT MP11917

H02G 7/00

Definition statement

Insert: Semicolons and a period into the Definition statement text so that it appears as follows:

- Installation of field power lines;
- Fastening to masts and poles;
- Warning devices;
- Birds or rodents deterring means.

References

Insert: The following new Application-oriented references section:

Application-oriented references

Examples of places where the subject matter of this place is covered when specially adapted, used for a particular purpose, or incorporated in a larger system:

Trolley wires or contact lines for electric railways	B60M
--	----------------------

Informative references

Replace: The existing Informative references table with the following revised table:

Fastening conductors to insulators	H01B17/00 , e.g. H01B 17/06 , H01B 17/16 or H01B 17/22
Protection against abnormal electric conditions	H01H
Hook contacts for temporary connections to overhead lines	H01R11/14

DATE: FEBRUARY 1, 2023

PROJECT MP11917

H02G 7/16

Definition statement

Insert: A period at the end of the Definition statement text so that it reads as follows:

Mechanical or electrical devices, eventually using transported electricity.

References

Delete: The entire 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:

Devices for removing snow or ice from insulators	H01B 17/52
--	----------------------------

H02G 7/20

Definition statement

Insert: A semicolon and a period into the Definition statement text so that it appears as follows:

- Crossarms;
- Spatial disposition of parallel lines.

References

Delete: The entire Limiting references section.

Insert: The following new Informative references section:

DATE: FEBRUARY 1, 2023

PROJECT MP11917

Informative references

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

Details of construction of poles, posts or towers	E04H 12/02
---	----------------------------

H02G 9/00

References

Delete: The entire Limiting references section.

Informative references

Insert: The following new row into the Informative references table:

Detection of buried cables	G01V
----------------------------	----------------------

H02G 9/10

References

Informative references

Replace: The existing Informative references table with the following revised table:

Manholes shafts	E02D 29/12
Structures for inspection	E04H 5/06

H02G 9/12

Definition statement

Insert: A period at the end of the Definition statement text so that it reads as follows:

DATE: FEBRUARY 1, 2023

PROJECT MP11917

Installations of cables in water.

References

Delete: The entire Limiting references section.

Informative references

Insert: The following new row into the Informative references table:

Floating cables	H01B 7/12
-----------------	-----------

H02G 11/00

Definition statement

Insert: A period at the end of the Definition statement text so that it reads as follows:

Transmission of electric energy between relatively-movable parts through flexible conductors.

References

Delete: The entire Limiting references section.

Informative references

Replace: The existing Informative references table with the following revised table:

Tubings for conductors	H02G 3/0462
Supplying energy to the end effector of a robot or similar manipulator	B25J 19/0025
Current collectors for power supply lines of electrically-propelled vehicles	B60L 5/00
Storing means for coiled material specially adapted for repeatedly paying-out and re-storing length of material for particular purposes	B65H 75/34
Current collectors	H01R

DATE: FEBRUARY 1, 2023

PROJECT MP11917

Flexible or turnable connectors	H01R 35/00
Collectors for maintaining electrical contact between moving and stationary parts	H01R 41/00
Winding up of telephone cord	H04M 1/15

H02G 13/00

Definition statement

Insert: Semicolons and a period into the Definition statement text so that it appears as follows:

- Lightning protection devices;
- Devices modifying air characteristics in order to attract lightning stroke, e.g. radioactive;
- Routing of lightning to ground;
- Measuring electromagnetic field;
- Airplane or wind turbine protection.

References

Delete: The entire Limiting references section.

Informative references

Insert: The following two new rows into the Informative references table:

Lightning arrestors	H01C 7/12, H01C 8/04, H01G 9/18, H01T
Earth plates, pins or other contacts	H01R

DATE: FEBRUARY 1, 2023

PROJECT MP11917

H02G 15/06

References

Delete: The entire 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:

Terminal blocks	H01R 9/00
-----------------	-----------

H02G 15/08

References

Limiting references

Replace: The existing Limiting references table with the following revised table:

Cable Junctions for gas or oil-filled cables	H02G 15/24
--	------------

Insert: The following new Informative references section:

Informative references

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

Disconnectable junctions or electrical connections	H01R
--	------

CPC NOTICE OF CHANGES 1397

DATE: FEBRUARY 1, 2023

PROJECT MP11917

H02G 15/10

References

Delete: The entire Limiting references section.

Informative references

Replace: The existing Informative references table with the following revised table:

Distribution boxes per se	H02G 3/08
Terminal blocks	H01R 9/00