

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 1398

DATE: FEBRUARY 1, 2023

PROJECT MP11916

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:	H02B	Subclass
	H02B	1/06, 1/16, 1/24, 1/26, 1/54
	H02B	11/04, 11/06, 11/133
	H02B	13/00, 13/025, 13/045, 13/055, 13/065
	H02B	15/00
Warnings Modified:	H02B	Subclass
Notes New:	H02B	1/26
DEFINITIONS:		
Definitions New:	H02B	11/133
Definitions Modified:	H02B	Subclass
	H02B	1/06, 1/16, 1/24, 1/26,
	H02B	11/04
	H02B	13/00, 13/025

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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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS H02B - BOARDS, SUBSTATIONS, OR SWITCHING ARRANGEMENTS FOR THE SUPPLY OR DISTRIBUTION OF ELECTRIC POWER

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level Number of dots (e.g. 0, 1, 2)</u>	<u>Title</u> <u>“CPC only” text should normally be enclosed in {curly brackets}*</u>	<u>Transferred to#</u>
M	H02B	Subclass	BOARDS, SUBSTATIONS OR SWITCHING ARRANGEMENTS FOR THE SUPPLY OR DISTRIBUTION OF ELECTRIC POWER	
M	H02B 1/06	2	having associated enclosures, e.g. for preventing access to live parts	
M	H02B 1/16	1	Earthing arrangements (earthing arrangements for substations H02B 5/01; earthing arrangements for switchgear H02B 11/28, H02B 13/075)	
M	H02B 1/24	1	Circuit arrangements for boards or switchyards	
M	H02B 1/26	1	Casings; Parts thereof or accessories therefor	
M	H02B 1/54	1	Anti-seismic devices or installations	
M	H02B 11/04	2	Isolating-contacts, e.g. mountings or shieldings	
M	H02B 11/06	2	Means for duplicate bus-bar selection	
M	H02B 11/133	3	with interlock	
M	H02B 13/00	0	Arrangement of switchgear in which switches are enclosed in, or structurally associated with, a casing, e.g. cubicle (switchgear having carriage withdrawable for isolation H02B 11/00)	
M	H02B 13/025	2	Safety arrangements, e.g. in case of excessive pressure or fire due to electrical defect	
M	H02B 13/045	3	Details of casing, e.g. gas tightness	
M	H02B 13/055	3	Features relating to the gas	
M	H02B 13/065	3	Means for detecting or reacting to mechanical or electrical defects	
M	H02B 15/00	0	Supervisory desks or panels for centralised control or display	

*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

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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 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 H02B - BOARDS, SUBSTATIONS, OR SWITCHING ARRANGEMENTS FOR THE SUPPLY OR DISTRIBUTION OF ELECTRIC POWER

<u>Type*</u>	<u>Location</u>	<u>Old Warning</u>	<u>New/Modified Warning</u>
M	H02B	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.	{ 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. }

*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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C. New, Modified or Deleted Note(s)

SUBCLASS H02B - BOARDS, SUBSTATIONS, OR SWITCHING ARRANGEMENTS FOR THE SUPPLY OR DISTRIBUTION OF ELECTRIC POWER

<u>Type*</u>	<u>Location</u>	<u>Old Note</u>	<u>New/Modified Note</u>
N	H02B 1/26		In groups H02B 1/26 - H02B 1/56, 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.

*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.

2. A. DEFINITIONS (new)

Insert: The following new Definition:

H02B 11/133

References

Informative references

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

Interlock for switches in general	H01H
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2. A. DEFINITIONS (modified)

H02B

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:

Basic electric elements, their assembly, including the mounting in enclosures or on bases, or the mounting of covers thereon, see the subclasses for such elements, e.g. transformers, switches, fuses or line connectors	H01F, H01H, H01R
Installation of electric cables or lines, or of combined optical and electric cables or lines, or other conductors for supply or distribution	H02G

H02B 1/06

References

Delete: The entire Limiting references section.

Insert: The following Informative references section:

Informative references

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

Shutters or guards for contacts	H02B 1/14
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H02B 1/16

References

Limiting references

Delete: The following row from the Limiting references table:

Earth plates, pins, or other contacts	H01R 4/66
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Insert: The following new Informative references section:

Informative references

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

Earth plates, pins or other contacts	H01R 4/66
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H02B 1/24

Delete: The entire Special rules of classification section.

H02B 1/26

References

Delete: The entire Limiting references section.

Informative references

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

Casings adapted for a single switch	H01H
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Insert: The following new Special rules of classification section:

Special rules of classification

In groups H02B 1/26 - H02B 1/56, 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.

H02B 11/04

References

Delete: The entire Limiting references section.

Informative references

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

Shutters or guards for isolating contacts	H02B 1/14, H02B 11/24
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H02B 13/00

References

Limiting references

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

Switchgear having carriage withdrawable for isolation	H02B 11/00
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Informative references

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

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Locating faults	G01R 31/08
Lead-in/through insulators	H01B 17/26
Protective circuit arrangements having fault detecting means	H01H 1/0015
Pressure relief devices	H01H 33/53
Arrangement of switchgear in association with main transformer	H02B5/00, H02B7/00

H02B 13/025

References

Informative references

Delete: The extra parenthesis from the end of the third table row so that it reads as follows:

Emergency protective circuit arrangements for distribution gear, e.g. bus-bar systems, or for switching devices	H02H 7/22
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