

EUROPEAN PATENT OFFICE
U.S. PATENT AND TRADEMARK OFFICE

CPC NOTICE OF CHANGES 160

JANUARY 1, 2016

PROJECT MP0257

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

<u>Action</u>	<u>Subclass</u>	<u>Group(s)</u>
Title wording change:	H01T	subclass
	H01T	4/02
	H01T	13/04
	H01T	13/22
	H01T	13/38
	H01T	23/00
New/Modified Definitions:	H01T	subclass
	H01T	13/04
	H01T	13/22
	H01T	23/00

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 Notice(s)
 - C. New, Modified or Deleted Note(s)
 - D. New, Modified or Deleted Guidance Heading(s)
2. DEFINITIONS (New or Modified)
 - A. DEFINITIONS (Full definition template)
 - B. DEFINITIONS (Definitions Quick Fix)
3. REVISION CONCORDANCE LIST (RCL)
4. CHANGES TO THE CPC-TO-IPC CONCORDANCE LIST (CICL)
5. CROSS-REFERENCE LIST (CRL)

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1. CLASSIFICATION SCHEME CHANGES

A. New, Modified or Deleted Group(s)

SUBCLASS H01T – SPARK GAPS; OVERVOLTAGE ARRESTERS USING SPARK GAPS; SPARKING PLUGS; CORONA DEVICES; GENERATING IONS TO BE INTRODUCED INTO NON-ENCLOSED GASES

<u>Type*</u>	<u>Symbol</u>	<u>Indent Level</u> <u>Number of</u> <u>dots (e.g. 0,</u> <u>1, 2)</u>	<u>Title</u> <u>(new or modified)</u> <u>“CPC only” text should normally be enclosed</u> <u>in {curly brackets}**</u>	<u>Transferred to[#]</u>
M	H01T	subclass	SPARK GAPS; OVERVOLTAGE ARRESTERS USING SPARK GAPS; SPARKING PLUGS; CORONA DEVICES; GENERATING IONS TO BE INTRODUCED INTO NON-ENCLOSED GASES (overvoltage protection circuits H02H)	
M	H01T4/02	1	Details	
M	H01T13/04	2	Means providing electrical connection to sparking plugs	
M	H01T13/22	2	having two or more electrodes embedded in insulation (sparking plugs having two or more spark gaps H01T13/46)	
M	H01T13/38	2	Selection of materials for insulation	
M	H01T23/00	0	Apparatus for generating ions to be introduced into non-enclosed gases, e.g. into the atmosphere	

*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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2. A. DEFINITIONS (i.e. new or modified)

H01T (subclass)

References relevant to classification in this subclass

DELETE only the **FIRST** table in the References relevant to classification in this subclass section.

Informative references

REPLACE the **entire table** in the Informative references section with the table shown below.

Electrotherapy	A61N
Air purifiers	B03C
Working of metal by the action of a high concentration of electric current	B23H
Welding, e.g. arc welding, electron beam welding or electrolytic welding	B23K
Surface shaping	B29C
Devices for generating ozone	C01B
Fuel Injection	F02M
Ignition circuits	F02P
Glow plugs	F23Q
Pressure sensors	G01L
Charging electrographic elements	G03G
Voltage dependent resistors	H01C
Ignition coils	H01F
Fuses	H01H
Discharge tubes	H01J
Gas-filled discharge tubes with solid cathode	H01J17/00
Electric arc lamps	H05B31/00
Generating plasma	H05H

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INSERT the following **NEW** definition:

H01T13/04

Informative references

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

Electric connections in general	H01R
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H01T13/22

References relevant to classification in this group

In the table, **DELETE** the following text:

Electrodes embedded in insulation for two or more sparks

In the table, **REPLACE** the deleted text with the following text:

Electrodes embedded in insulation for sparking plugs having two or more spark gaps

H01T23/00

DELETE the heading and table (the **entire** section) for:

References relevant to classification in this group

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Informative references

ADD the following two **NEW** rows to the bottom of the existing Informative references table.

Discharge tubes with provision for emergence of ions from the vessel	H01J35/00
Generating plasma	H05H