# EUROPEAN PATENT OFFICE <br> U.S. PATENT AND TRADEMARK OFFICE <br> CPC NOTICE OF CHANGES 1064 

DATE: MAY 1, 2021

## PROJECT RP0553

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

| Action | Subclass | Group(s) |
| :---: | :---: | :---: |
| SCHEME: |  |  |
| Symbols Deleted: | H01H | 33/62 |
| Symbols New: | H01H | 33/65 |
| Titles Changed: | H01H | Subclass |
| H 01 H $1 / 0036,1 / 021,1 / 02372,1 / 2058,1 / 36$ <br> $1 / 403,1 / 56,1 / 58,1 / 64$ |  |  |
|  | H01H | 3/00, 3/161, 3/54 |
|  | H01H | 5/04 |
|  | H01H | 7/06 |
|  | H01H | $\begin{aligned} & 9 / 00,9 / 10,9 / 167,9 / 20,9 / 26,9 / 40,9 / 46, \\ & 0 / 56 \end{aligned}$ |
|  | H01H | 11/00 |
|  | H01H | 13/02, 13/22, 13/32, 13/70, 13/704 |
|  | H01H | 15/005 |
|  | H01H | 19/00, 19/005, 19/63 |
|  | H01H | 23/006 |
|  | H01H | 27/00, 27/06, 27/063, 27/08 |
|  | H01H | 29/20, 29/32 |
|  | H01H | 31/00, 31/04, 31/10 |
|  | H01H | $\begin{aligned} & 33 / 021,33 / 04,33 / 18,33 / 20,33 / 36,33 / 38, \\ & 33 / 64 \end{aligned}$ |
|  | H01H | 35/00, 35/02, 35/18 |
|  | H01H | 36/00 |
|  | H01H | 37/00, 37/32, 37/323, 37/74, 37/76 |
|  | H01H | 41/00 |
|  | H01H | 43/00, 43/024 |
|  | H01H | 45/00, 45/10 |
|  | H01H | 47/00, 47/34 |
|  | H01H | $\begin{aligned} & 50 / 00,50 / 023,50 / 10,50 / 16,50 / 323, \\ & 50 / 44,50 / 54,50 / 541 \end{aligned}$ |
|  | H01H | 51/06, 51/12, 51/22, 51/284, 51/30, 51/32 |
|  | H01H | 53/10, 53/14 |
|  | H01H | 59/00 |
|  | H01H | 61/0107 |
|  | H01H | 63/00 |
|  | H01H | 67/00 |
|  | H01H | 69/00, 69/01 |
|  | H01H | 71/08, 71/145, 71/2445, 71/504 |
|  | H01H | 73/045, 73/08, 73/12, 73/18, 73/20 |
|  | H01H | $\begin{aligned} & 85 / 00,85 / 02,85 / 165,85 / 20,85 / 22,85 / 25, \\ & 85 / 54,85 / 58 \end{aligned}$ |
|  | H01H | 89/00, 89/06, 89/10 |

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| Action | Subclass | Group(s) |
| :---: | :---: | :---: |
| Notes Modified: | H01 | Class |
|  | H01H | Subclass |
|  | H01H | 1/021 |
| Warnings Modified: | H01H | Subclass |
| DEFINITIONS: |  |  |
| Definitions New: | H01H | 1/2058, 1/403 |
|  | H01H | 3/161 |
|  | H01H | 9/167 |
|  | H01H | 15/005 |
|  | H01H | 19/005 |
|  | H01H | 23/006 |
|  | H01H | 27/06, 27/063 |
|  | H01H | 33/021 |
|  | H01H | 35/02 |
|  | H01H | 37/323 |
|  | H01H | 43/024 |
|  | H01H | 50/023, 50/323, 50/541 |
|  | H01H | 51/284 |
|  | H01H | 61/0107 |
|  | H01H | 71/145, 71/2445, 71/504 |
|  | H01H | 73/045 |
| Definitions Modified: | H01H | Subclass |
|  | H01H | 1/64 |
|  | H01H | 3/00 |
|  | H01H | 5/04 |
|  | H01H | 9/00, 9/10, 9/20, 9/26, 9/40, 9/46 |
|  | H01H | 11/00 |
|  | H01H | 13/02, 13/70 |
|  | H01H | 27/00 |
|  | H01H | 29/20, 29/32 |
|  | H01H | 31/04, 31/10 |
|  | H01H | 33/18, 33/20, 33/64 |
|  | H01H | 35/00, 35/18 |
|  | H01H | 37/00 |
|  | H01H | 41/00 |
|  | H01H | 45/00, 45/10 |
|  | H01H | 50/00, 50/10 |
|  | H01H | 51/22 |
|  | H01H | 67/00 |
|  | H01H | 73/08, 73/12, 73/18 |
|  | H01H | 85/00 |
|  |  |  |
| Definitions Deleted: | H01H | 19/00 |

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This Notice of Changes includes the following [Check the ones included]:

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

## 1. CLASSIFICATION SCHEME CHANGES

## A. New, Modified or Deleted Group(s)

ELECTRIC SWITCHES; RELAYS; SELECTORS; EMERGENCY PROTECTIVE DEVICES (contact cables H01B 7/10; overvoltage protection resistors, resistive arresters H01C 7/12, H01C 8/04; electrolytic self-interrupters H01G 9/18; switching devices of the waveguide type H01P; devices for interrupted current collection H01R 39/00; overvoltage arresters using spark gaps H01T 4/00; emergency protective circuit arrangements H 02 H ; switching by electronic means without contact-making H03K 17/00)

| Type* | Symbol | $\begin{aligned} & \begin{array}{c} \frac{\text { Indent }}{\text { Level }} \\ \text { Number of } \end{array} \\ & \frac{1,2)}{\text { dots (e.g. } 0,} \end{aligned}$ | $\frac{\text { Title }}{\frac{\text { CPC only" text should normally be }}{\text { enclosed in \{curly brackets }\}^{* *}}}$ | Transferred to ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: |
| M | H01H | Subclass | ELECTRIC SWITCHES; RELAYS; SELECTORS; EMERGENCY PROTECTIVE DEVICES (contact cables H01B 7/10; electrolytic self-interrupters H01G 9/18; emergency protective circuit arrangements H 02 H ; switching by electronic means without contact-making H03K 17/00) |  |
| M | H01H1/0036 | 1 | \{Switches making use of microelectromechanical systems [MEMS] (for electromagnetic relays $\mathrm{H} 01 \mathrm{H} 50 / 005$; for electrostatic relays H01H 59/0009) \} |  |
| M | H01H1/021 | 2 | Composite material |  |
| M | H01H1/02372 | 5 | \{containing as major components one or more oxides of the following elements only: $\mathrm{Cd}, \mathrm{Sn}, \mathrm{Zn}, \mathrm{In}, \mathrm{Bi}, \mathrm{Sb}$ or Te \} |  |
| M | H01H1/2058 | 5 | \{Rotating bridge being assembled in a cassette, which can be placed as a complete unit into a circuit breaker\} |  |
| M | H01H1/36 | 2 | by sliding |  |
| M | H01H1/403 | 4 | \{Contacts forming part of a printed circuit (multilayer keyboard switches H 01 H 13/702; thumbwheel switches H01H 19/001; for rotary switches with axial contact pressure H01H 19/585) \} |  |
| M | H01H1/56 | 1 | Contact arrangements for providing make-before-break operation, e.g. for on-load tapchanging |  |
| M | H01H1/58 | 1 | Electric connections to or between contacts; Terminals \{(for high tension switches H 01 H 33/025; for electromagnetic relays H 01 H 50/14; for circuit breakers H01H 71/08) \} |  |
| M | H01H1/64 | 1 | Protective enclosures, baffle plates, or screens for contacts |  |
| M | H01H3/00 | 0 | Mechanisms for operating contacts (\{for tap changers $\mathrm{H} 01 \mathrm{H} 9 / 0027$; $\}$ thermal actuating or release means H01H 37/02) |  |

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| Type* | Symbol | $\begin{aligned} & \frac{\begin{array}{c} \text { Indent } \\ \text { Level } \end{array}}{\text { Number of }} \\ & \frac{1,2)}{\text { dots (e.g. } 0,} \end{aligned}$ | $\frac{\text { Title }}{\text { "CPC only" text should normally be }}$ | Transferred to ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: |
| M | H01H3/161 | 3 | \{for actuation by moving a closing member, e.g. door, cover or lid (the switch controlling enclosed equipment H01H 9/226; switches operated by a removable member, wherein one single insertion movement of a key comprises an unlocking stroke and a switch actuating stroke, e.g. security switch for safety guards H01H 27/002) \} |  |
| M | H01H3/54 | 1 | Mechanisms for coupling or uncoupling operating parts, driving mechanisms, or contacts |  |
| M | H01H5/04 | 1 | Energy stored by deformation of elastic members (by deformation of bimetallic element in thermally-actuated switches H01H 37/54) |  |
| M | H01H7/06 | 1 | with thermal timing means |  |
| M | H01H9/00 | 0 | Details of switching devices, not covered by groups H01H 1/00-H01H 7/00 |  |
| M | H01H9/10 | 1 | Adaptation for built-in fuses (mounting switch and fuse separately on, or in, common support H02B 1/18) |  |
| M | H01H9/167 | 2 | \{Circuits for remote indication\} |  |
| M | H01H9/20 | 1 | Interlocking, locking, or latching mechanisms |  |
| M | H01H9/26 | 2 | for interlocking two or more switches ( $\{\mathrm{H} 01 \mathrm{H} 13 / 568$ takes precedence; $\}$ by a detachable member H01H 9/28 \{; for electromagnetic relays $\mathrm{H} 01 \mathrm{H} 50 / 323\}$ ) |  |
| M | H01H9/40 | 2 | Multiple main contacts for the purpose of dividing the current through, or potential drop along, the arc |  |
| M | H01H9/46 | 2 | using arcing horns (using blow-out magnet H01H 9/44) |  |
| M | H01H9/56 | 2 | for ensuring operation of the switch at a predetermined point in the ac cycle |  |
| M | H01H11/00 | 0 | Apparatus or processes specially adapted for the manufacture of electric switches (processes specially adapted for manufacture of rectilinearly movable switches having a plurality of operating members associated with different sets of contacts, e.g. keyboards, H01H 13/88) |  |
| M | H01H13/02 | 1 | Details |  |
| M | H01H13/22 | 4 | acting with snap action (depending upon deformation of elastic members H 01 H 13/26) |  |

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| Type* | Symbol | $\begin{aligned} & \frac{\begin{array}{c} \text { Indent } \\ \text { Level } \end{array}}{\text { Number of }} \\ & \frac{1,2)}{\text { dots (e.g. } 0,} \end{aligned}$ | $\frac{\text { Title }}{\text { "CPC only" text should normally be }} \frac{\text { enclosed in \{curly brackets\} }{ }^{* *}}{\underline{*}}$ | Transferred to ${ }^{\text {\# }}$ |
| :---: | :---: | :---: | :---: | :---: |
| M | H01H13/32 | 4 | one end of spring being fixedly connected to the stationary or movable part of the switch and the other end reacting with a movable or stationary rigid member respectively through pins, cams, toothed, or other shaped surfaces |  |
| M | H01H13/70 | 1 | having a plurality of operating members associated with different sets of contacts, e.g. keyboard (mounting together a plurality of independent switches H02B) |  |
| M | H01H13/704 | 3 | characterised by the layers, e.g. by their material or structure (H01H 13/703 takes precedence) |  |
| M | H01H15/005 | 1 | \{adapted for connection with printed circuit boards \} |  |
| M | H01H19/00 | 0 | Switches operated by an operating part which is rotatable about a longitudinal axis thereof and which is acted upon directly by a solid body external to the switch, e.g. by a hand |  |
| M | H01H19/005 | 1 | \{Electromechanical pulse generators \} |  |
| M | H01H19/63 | 3 | Contacts actuated by axial cams $\{(\mathrm{H} 01 \mathrm{H}$ 19/6355 takes precedence) $\}$ |  |
| M | H01H23/006 | 1 | \{adapted for connection with printed circuit boards\} |  |
| M | H01H27/00 | 0 | Switches operated by a removable member, e.g. key, plug or plate; Switches operated by setting members according to a single predetermined combination out of several possible settings (combined with plug-andsocket connectors H01R13/70; with currentcarrying plug H01R 31/08) |  |
| M | H01H27/06 | 1 | Key inserted and then turned to effect operation of the switch |  |
| M | H01H27/063 | 2 | \{ wherein the switch cannot be moved to a third position, e.g. start position, unless the preceding movement was from a first position to a second position, e.g. ignition position\} |  |
| M | H01H27/08 | 2 | wherein the key cannot be removed until the switch is returned to its original position $\{(\mathrm{H} 01 \mathrm{H} 27 / 063$ takes precedence $)\}$ |  |
| M | H01H29/20 | 1 | operated by tilting contact-liquid container |  |
| M | H01H29/32 | 1 | with contact made by a liquid jet, e.g. earthing switch with contact made by jet of water |  |

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| :---: | :---: | :---: | :---: | :---: |
| M | H01H31/00 | 0 | Air-break switches for high tension without arc-extinguishing or arc-preventing means (in combination with high tension or heavycurrent switches with arc-extinguishing or arc-preventing means $\mathrm{H} 01 \mathrm{H} 33 / 00$ ) |  |
| M | H01H31/04 | 2 | Interlocking mechanisms |  |
| M | H01H31/10 | 3 | for interlocking two or more switches |  |
| M | H01H33/021 | 2 | \{Use of solid insulating compounds resistant to the contacting fluid dielectrics and their decomposition products, e.g. to $\mathrm{SF}_{6}$ \} |  |
| M | H01H33/04 | 2 | Means for extinguishing or preventing arc between current-carrying parts |  |
| M | H01H33/18 | 3 | using blow-out magnet $\{$ (for vacuum switches H01H 33/664) \} |  |
| M | H01H33/20 | 3 | using arcing horns (using blow-out magnet H01H 33/18) |  |
| M | H01H33/36 | 3 | using dynamo-electric motor |  |
| M | H01H33/38 | 3 | using electromagnet |  |
| D | H01H33/62 | 2 | \{ wherein the break is in air at atmospheric pressure, e.g. in open air\} | <administrative transfer to H01H33/65> |
| M | H01H33/64 | 2 | wherein the break is in gas (vacuum switches H01H 33/66) |  |
| N | H01H33/65 | 3 | wherein the break is in air at atmospheric pressure, e.g. in open air |  |
| M | H01H35/00 | 0 | Switches operated by change of a physical condition (operated by change of magnetic or electric field H01H 36/00; thermallyactuated switches H01H 37/00) |  |
| M | H01H35/02 | 1 | Switches operated by change of position, inclination or orientation of the switch itself in relation to gravitational field (tilting mercury container H01H 29/20; change of position due to change of liquid level H 01 H 35/18) |  |
| M | H01H35/18 | 1 | Switches operated by change of liquid level or of liquid density, e.g. float switch (by magnet carried on a float H01H 36/02) |  |
| M | H01H36/00 | 0 | Switches actuated by change of magnetic field or of electric field, e.g. by change of relative position of magnet and switch, by shielding |  |
| M | H01H37/00 | 0 | Thermally-actuated switches |  |
| M | H01H37/32 | 2 | Thermally-sensitive members |  |

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| :---: | :---: | :---: | :---: | :---: |
| M | H01H37/323 | 3 | \{ making use of shape memory materials (in thermal relays $\mathrm{H} 01 \mathrm{H} 61 / 0107$; release mechanism H01H 71/145; treatment of SMF alloys C22F 1/006; for control of temperature G05D 23/024) \} |  |
| M | H01H37/74 | 1 | Switches in which only the opening movement or only the closing movement of a contact is effected by heating or cooling |  |
| M | H01H37/76 | 2 | Contact member actuated by melting of fusible material, actuated due to burning of combustible material or due to explosion of explosive material |  |
| M | H01H41/00 | 0 | Switches providing a selected number of consecutive operations of the contacts by a single manual actuation of the operating part |  |
| M | H01H43/00 | 0 | Time or time-programme switches providing a choice of time-intervals for executing one or more switching actions and automatically terminating their operations after the programme is completed |  |
| M | H01H43/024 | 2 | \{Terminal arrangements \} |  |
| M | H01H45/00 | 0 | Details of relays (electric circuit arrangements $\mathrm{H} 01 \mathrm{H} 47 / 00$; of electromagnetic relays $\mathrm{H} 01 \mathrm{H} 50 / 00$; details of electrically-operated selector switches H01H 63/00) |  |
| M | H01H45/10 | 1 | Electromagnetic or electrostatic shielding (casings H01H 45/02) |  |
| M | H01H47/00 | 0 | Circuit arrangements not adapted to a particular application of the relay and designed to obtain desired operating characteristics or to provide energising current |  |
| M | H01H47/34 | 2 | Energising current supplied by magnetic amplifier |  |
| M | H01H50/00 | 0 | Details of electromagnetic relays ( $\{\mathrm{H} 01 \mathrm{H}$ 51/28 takes precedence; $\}$ electric circuit arrangements $\mathrm{H} 01 \mathrm{H} 47 / 00$; details of electrically-operated selector switches H01H 63/00) |  |
| M | H01H50/023 | 2 | \{Details concerning sealing, e.g. sealing casing with resin\} |  |
| M | H01H50/10 | 1 | Electromagnetic or electrostatic shielding (casings H01H 50/02) |  |
| M | H01H50/16 | 1 | Magnetic circuit arrangements |  |
| M | H01H50/323 | 4 | \{for interlocking two or more relays \} |  |
| M | H01H50/44 | 1 | Magnetic coils or windings |  |

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| :---: | :---: | :---: | :---: | :---: |
| M | H01H50/54 | 1 | Contact arrangements |  |
| M | H01H50/541 | 2 | \{Auxiliary contact devices\} |  |
| M | H01H51/06 | 3 | Armature is movable between two limit positions of rest and is moved in one direction due to energisation of an electromagnet and after the electromagnet is de-energised is returned by energy stored during the movement in the first direction, e.g. by using a spring, by using a permanent magnet, by gravity |  |
| M | H01H51/12 | 3 | Armature is movable between two limit positions of rest and is moved in both directions due to the energisation of one or the other of two electromagnets without the storage of energy to effect the return movement |  |
| M | H01H51/22 | 1 | Polarised relays $\{(\mathrm{H} 01 \mathrm{H} 51 / 284$ takes precedence) \} |  |
| M | H01H51/284 | 2 | \{Polarised relays \} |  |
| M | H01H51/30 | 1 | specially adapted for actuation by ac |  |
| M | H01H51/32 | 2 | Frequency relays; Mechanically-tuned relays |  |
| M | H01H53/10 | 1 | Induction relays, i.e. relays in which the interaction is between a magnetic field and current induced thereby in a conductor |  |
| M | H01H53/14 | 1 | Contacts actuated by an electric motor through fluid-pressure transmission, e.g. using a motor-driven pump |  |
| M | H01H59/00 | 0 | Electrostatic relays; Electro-adhesion relays |  |
| M | H01H61/0107 | 2 | \{ making use of shape memory materials \} |  |
| M | H01H63/00 | 0 | Details of electrically-operated selector switches |  |
| M | H01H67/00 | 0 | Electrically-operated selector switches |  |
| M | H01H69/00 | 0 | Apparatus or processes for the manufacture of emergency protective devices |  |
| M | H01H69/01 | 1 | for calibrating or setting of devices to function under predetermined conditions |  |
| M | H01H71/08 | 1 | Terminals; Connections |  |
| M | H01H71/145 | 4 | \{using shape memory materials (H01H 71/16 takes precedence) $\}$ |  |
| M | H01H71/2445 | 4 | \{using a reed switch (for current measuring G01R 19/16509) \} |  |
| M | H01H71/504 | 3 | \{provided with anti-rebound means \} |  |
| M | H01H73/045 | 3 | \{Bridging contacts \} |  |
| M | H01H73/08 | 3 | Plug-in housings |  |
| M | H01H73/12 | 2 | Means for indicating condition of the switch |  |

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| :---: | :---: | :---: | :---: | :---: |
| M | H01H73/18 | 2 | Means for extinguishing or suppressing arc \{(magnet coil acting as blow-out device H01H 71/38) \} |  |
| M | H01H73/20 | 2 | Terminals; Connections |  |
| M | H01H85/00 | 0 | Protective devices in which the current flows through a part of fusible material and this current is interrupted by displacement of the fusible material when this current becomes excessive (switches actuated by melting of fusible material $\mathrm{H} 01 \mathrm{H} 37 / 76$; disposition or arrangement of fuses on boards H02B 1/18) |  |
| M | H01H85/02 | 1 | Details |  |
| M | H01H85/165 | 4 | Casings |  |
| M | H01H85/20 | 2 | Bases for supporting the fuse; Separate parts thereof |  |
| M | H01H85/22 | 2 | Intermediate or auxiliary parts for carrying, holding, or retaining fuse, co-operating with base or fixed holder, and removable therefrom for renewing the fuse |  |
| M | H01H85/25 | 2 | Safety arrangements preventing or inhibiting contact with live parts, including operation of isolation on removal of cover |  |
| M | H01H85/54 | 1 | Protective devices wherein the fuse is carried, held, or retained by an intermediate or auxiliary part removable from the base, or used as sectionalisers |  |
| M | H01H85/58 | 3 | with intermediate auxiliary part and base shaped to interfit and thereby enclose the fuse |  |
| M | H01H89/00 | 0 | Combinations of two or more different basic types of electric switches, relays, selectors and emergency protective devices, not covered by any single one of the other main groups of this subclass |  |
| M | H01H89/06 | 1 | Combination of a manual reset circuit with a contactor, i.e. the same circuit controlled by both a protective and a remote control device |  |
| M | H01H89/10 | 3 | with each device controlling one of the two co-operating contacts |  |

* $\mathrm{N}=$ new entries where reclassification into entries is involved; $\mathrm{C}=$ entries with modified file scope where reclassification of documents from the entries is involved; $\mathrm{Q}=$ 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; $\mathrm{T}=$ 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; $\mathrm{M}=$ entries with no change to the file scope (no reclassification); $\mathrm{D}=$ deleted entries; $\mathrm{F}=$ frozen entries will be deleted once reclassification of documents from the entries is completed; $\mathrm{U}=$ entries that are unchanged.

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## 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, $\ldots$ 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.
B. New, Modified or Deleted Warning(s)

ELECTRIC SWITCHES; RELAYS; SELECTORS; EMERGENCY PROTECTIVE DEVICES (contact cables H01B 7/10; overvoltage protection resistors, resistive arresters H01C 7/12, H01C 8/04; electrolytic self-interrupters H01G 9/18; switching devices of the waveguide type $\mathbf{H 0 1 P}$; devices for interrupted current collection H01R 39/00; overvoltage arresters using spark gaps H01T 4/00; emergency protective circuit arrangements H 02 H ; switching by electronic means without contact-making H03K 17/00)

| Type $^{*}$ | Location | Old Warning | New/Modified Warning |
| :---: | :---: | :--- | :--- |
| M | H01H | H01H33/65 covered by H01H33/64 | Delete this existing text from Warning 1. |
| M | H01H | 2.In this subclass non-limiting <br> references (in the sense of <br> paragraph 39 of the Guide to the <br> IPC) may still be displayed in the <br> scheme.Replace the text in existing Warning 2 with the <br> following updated text. <br> \{In this subclass, non-limiting references (in <br> the sense of paragraph 39 of the Guide to the <br> IPC) may still be displayed in the scheme.\} |  |

* $\mathrm{N}=$ new warning, $\mathrm{M}=$ modified warning, $\mathrm{D}=$ 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 H01H - ELECTRIC SWITCHES; RELAYS; SELECTORS; EMERGENCY PROTECTIVE DEVICES

| Type $^{*}$ | Location | Old Note | New/Modified Note |
| :---: | :---: | :--- | :--- |
| M | H01 | $\begin{array}{l}\text { Processes involving only a single } \\ \text { technical art, e.g. drying, coating, } \\ \text { for which provision exists } \\ \text { elsewhere are classified in the } \\ \text { relevant class for that art. }\end{array}$ | $\begin{array}{l}\text { Replace the existing note with the following } \\ \text { updated notes. } \\ \text { 1. Processes involving only a single technical } \\ \text { art, e.g. drying, coating, for which provision } \\ \text { exists elsewhere are classified in the } \\ \text { relevant class for that art. }\end{array}$ |
| M | H01H | $\begin{array}{l}\text { 1. Attention is drawn to the Notes } \\ \text { following the titles of class B81 } \\ \text { an subclass B81B relating to } \\ \text { "microstructural devices" and } \\ \text { microstructural systems" }\end{array}$ | $\begin{array}{l}\text { 2. Attention is drawn to the Notes following } \\ \text { the titles of class B81 and subclass B81B } \\ \text { relating to "microstructural devices" and } \\ \text { "microstructural systems". }\end{array}$ |
| M | H01H1/021 | $\begin{array}{l}\text { 2. Subject matter classifiable in } \\ \text { more than one of the groups } \\ \text { H01H1/023 - H01H1/029 should } \\ \text { be classified in all relevant } \\ \text { groups. }\end{array}$ | $\begin{array}{l}\text { Replace the existing Note 2 with the following } \\ \text { updated note. }\end{array}$ |
| 2. Subject matter classifiable in more than one |  |  |  |
| of groups H01H1/023 - H01H1/029 should be |  |  |  |
| classified in all relevant groups. |  |  |  |$]$

* $\mathrm{N}=$ new note, $\mathrm{M}=$ modified note, $\mathrm{D}=$ 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 definitions.

## H01H 1/2058

## References

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

| Non-rotating bridges | $\mathrm{H} 01 \mathrm{H} 71 / 0235$ |
| :--- | :--- |

## H01H 1/403

## References

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

| Printed contacts per se | H05K |
| :--- | :--- |

H01H 3/161

## References

## Limiting references

This place does not cover:

| The switch controlling enclosed equipment | $\mathrm{H} 01 \mathrm{H} 9 / 226$ |
| :--- | :--- |
| Switches operated by a removable member | $\mathrm{H} 01 \mathrm{H} 27 / 002$ |

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

| Safety arrangements on doors of dishwashers | A47L |
| :--- | :--- |
| Of laundry washing machines | D06F 37/42 |

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| Of ovens | F24C 14/00, <br> F24C 15/022 |
| :--- | :--- |
| Locks with means for operating switches | E05B 17/22 |
| Alarm locks | E05B 45/06 |
| Safety edges for power-operated wings | E05F 15/40 |
| Safety devices in connection with the locking of doors, <br> covers, guards, or like members giving access to <br> movable machine parts | F16P 3/08 |
| Of microwave ovens | H05B 6/76 |

## H01H 9/167

## References

## Informative references

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

| For protection circuits | $\mathrm{H} 02 \mathrm{H} 3 / 04$ |
| :--- | :--- |
| For distribution networks | $\mathrm{H} 02 \mathrm{~J} 13 / 00$ |

## H01H 15/005

## References

## Informative references

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

| Connections to printed circuits in general | $\mathrm{H} 01 \mathrm{H} 1 / 5805$ |
| :--- | :--- |

## H01H 19/005

## References

## Informative references

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

| Electromechanical contact-making and breaking devices <br> acting as pulse generators for setting | G04C 3/007 |
| :--- | :--- |

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## H01H 23/006

## References

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

| Connections to printed circuits in general | $\mathrm{H} 01 \mathrm{H} 1 / 5805$ |
| :--- | :--- |

## H01H 27/06

## References

## Informative references

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

| IC integrated in key and connected by turning key | E05B 49/004 |
| :--- | :--- |

## H01H 27/063

## References

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

| Starting of engines and safety devices | F02N 11/00 |
| :--- | :--- |
| Safety means for electric spark ignition | F02P 11/00 |

## H01H 33/021

## References

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

| Insulators or insulating bodies characterised by the <br> insulating materials | H01B 3/00 |
| :--- | :--- |

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## H01H 35/02

## References

## 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:

| Specially adapted for electromechanical clocks or watches | G04C 3/002 |
| :--- | :--- |

## H01H 37/323

## References

## Limiting references

This place does not cover:

| In thermal relays | H01H 61/0107 |
| :--- | :--- |
| Release mechanism | H01H 71/145 |
| Treatment of SMF alloys | C22F 1/006 |
| For control of temperature | G05D 23/024 |

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

| Using materials with a configuration memory in general | G01K 5/483 |
| :--- | :--- |

## H01H 43/024

## References

## Informative references

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

| Electric connections to or between contacts in general | H01H 1/58 |
| :--- | :--- |

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## H01H 50/023

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

| Auxiliary contact devices in general | $\mathrm{H} 01 \mathrm{H} 9 / 0066$ |
| :--- | :--- |

## H01H 50/323

## References

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

| Auxiliary contact devices in general | $\mathrm{H} 01 \mathrm{H} 9 / 0066$ |
| :--- | :--- |

## H01H 50/541

## References

Informative references

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

| Auxiliary contact devices in general | $\mathrm{H} 01 \mathrm{H} 9 / 0066$ |
| :--- | :--- |

## H01H 51/284

References
Informative references

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

| Polarised relays in general | $\mathrm{H} 01 \mathrm{H} 51 / 22$ |
| :--- | :--- |

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## H01H 61/0107

## References

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

| Making use of shape memory materials | $\mathrm{H} 01 \mathrm{H} 37 / 323$ |
| :--- | :--- |

## H01H 71/145

References
Limiting references
This place does not cover:

| With bimetal element | $\mathrm{H} 01 \mathrm{H} 71 / 16$ |
| :--- | :--- |

## Informative references

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

| Making use of shape memory materials in general | $\mathrm{H} 01 \mathrm{H} 37 / 323$ |
| :--- | :--- |

## H01H 71/2445

## References

## Limiting references

This place does not cover:

| For current measuring using electromagnetic relays | G01R 19/16509 |
| :--- | :--- |

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

| Reed switches in general | $\mathrm{H} 01 \mathrm{H} 51 / 28$ |
| :--- | :--- |

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## H01H 71/504

## References

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

| For switches in general | $\mathrm{H} 01 \mathrm{H} 1 / 50$ |
| :--- | :--- |

H01H 73/045
References
Informative references
Attention is drawn to the following places, which may be of interest for search:

| Contacting bridge per se | $\mathrm{H} 01 \mathrm{H} 1 / 20$ |
| :--- | :--- |
| Rotating bridge | $\mathrm{H} 01 \mathrm{H} 1 / 2041$ |

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2
B. DEFINITIONS QUICK FIX

| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { change }} \\ & \text { (e.g., section } \\ & \text { title) } \end{aligned}$ | Existing reference symbol or text | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H 01 H | Limiting references | Controlling members for hand actuation by rotary movement, e.g. hand wheels G05G1/08 <br> Contact cables H01B7/10 <br> Electrolytic selfinterrupters H01G9/18 <br> Switches combined with plug-and-socket connectors H01R13/70 <br> Bases, casings, or covers accommodating two or more switching devices or for accommodating a switching device as well as another electric component, e.g. bus-bar, line connector H02B1/26 Emergency protective circuit arrangements for automatic disconnection directly responsive to an undesired change from normal electric working condition with or without subsequent | Replace ALL of the references in the existing "Limiting references" table with the following updated references. <br> $\begin{array}{lr}\text { Contact cables } & \text { H01B7/10 } \\ \text { Electrolytic self-interrupters } \\ & \text { H01G9/18 }\end{array}$ <br> Emergency protective circuit arrangements <br> H 02 H <br> Switching by electronic means without contact-making H03K17/00 <br> Mechanical details directly producing electronic effects H03K17/94 |

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| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { (e.g., section }} \\ & \text { title) } \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\underline{\text { or text }}}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
|  |  | reconnection <br> H02H3/00 <br> Circuit <br> arrangements for providing remote indication of network conditions, e.g. an instantaneous record of the open or closed condition of each circuitbreaker in the network H02J13/00 Electronic switching or gating, i.e. not by contact-making or braking H03K17/00 Mechanical details directly producing electronic effects H03K17/94 Casings for electrical apparatus in general H05K5/00 |  |
| H 01 H | Informative references |  | Insert the following new references in the existing "Informative references" table. <br> Controlling members for hand actuation by rotary movement, e.g. hand wheels G05G1/08 <br> Switches combined with plug-and-socket connectors H01R13/70 <br> Bases, casings, or covers accommodating two or more switching devices or for accommodating a switching |

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| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { change }} \\ & \text { (e.g., section } \\ & \text { title) } \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
|  |  |  | device as well as another electric component, e.g. busbar, line connector H02B1/26 <br> Circuit arrangements for providing remote indication of network conditions, e.g. an instantaneous record of the open or closed condition of each circuit-breaker in the network H02J13/00 <br> Casings for electrical apparatus in general <br> H05K5/00 |
| H01H1/64 | Limiting references | Protective enclosures, baffle plates, or screens for arc-extinguishing H01H 9/30 <br> Protective enclosures, baffle plates, or screens for mercury contacts H01H 29/04 | Delete the entire existing "Limiting references" section. |
| H01H1/64 | Informative references |  | Insert a new "Informative references" section. <br> Informative references Attention is drawn to the following places, which may be of interest for search: <br> Protective enclosures, baffle plates, or screens for arcextinguishing $\quad \mathrm{H} 01 \mathrm{H} 9 / 30$ <br> Protective enclosures, baffle plates, or screens for mercury contacts H01H 29/04 |

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| Symbol | $\frac{\text { Location of }}{\text { (e.g., section }} \begin{aligned} & \text { (title) } \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\underline{\text { or text }}}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H3/00 | Limiting references | Snap-action arrangements H01H 5/00 | Replace the reference "Snapaction ... $\mathrm{H} 01 \mathrm{H} 5 / 00$ " in the existing "Limiting references" table with the two new references shown below. <br> Devices for tap changers H01H 9/0027 <br> Thermal actuating or release means <br> H01H 37/02 |
| H01H3/00 | Informative references | Devices for introducing a predetermined time delay H01H 7/00 <br> Devices for tap changers H 01 H 9/0027 <br> Thermal actuating or release means H01H 37/02 | Replace in the "Informative references" table, ALL three existing references with the two new references shown below. <br> Snap-action arrangements H01H 5/00 <br> Devices for introducing a predetermined time delay H01H 7/00 |
| H01H5/04 | Limiting references |  | Insert the following new "Limiting references" section. <br> References <br> Limiting references <br> This place does not cover: <br> Energy stored by deformation of bimetallic elements in thermallyactuated switches H01H 37/54 |
| H01H5/04 | Informative references | Energy stored by deformation of bimetallic elements in thermallyactuated switches H01H 37/54 | Delete the entire "Informative references" section. |

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| Symbol | $\frac{\text { Location of }}{\text { (e.g., section }} \begin{aligned} & \text { title) } \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\underline{\text { or text }}}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H9/00 | Limiting references | Castings for switchgear H02B1/26 | Delete the entire "Limiting references" section. |
| H01H9/00 | Informative references | Casings for electrical apparatus in general H05K 5/00 | Replace the existing reference in the "Informative references" table with the following two new references. <br> Casings for switchgear H02B1/26 <br> Casings for electrical apparatus in general <br> H05K 5/00 |
| H01H 9/10 | Informative references |  | Delete the entire existing "Informative references" section. |
| H01H9/10 | Limiting references |  | Insert the following new "Limiting references" section. <br> References Limiting references This place does not cover: <br> Mounting switch and fuse separately on, or in, common support H02B 1/18 |
| H01H9/20 | Informative references | Contacts adapted to act as latches H 01 H 1/52 <br> Auxiliary movement of the operating partor of an attachment thereto H01H 3/20 <br> Withdrawable switchgear H02B 11/00 | Replace ALL of the references in the "Informative references" section with the following updated references. <br> Contacts adapted to act as latches H01H 1/52 <br> Auxiliary movement of the operating part or of an attachment thereto H01H 3/20 <br> Withdrawable switchgear H02B 11/00 |

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| Symbol | $\frac{\text { Location of }}{\text { (e.g., section }}$ <br> title) | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :--- | :--- | :--- | :--- |
| H01H9/26 | Limiting <br> references | Contacts also <br> returning by some <br> external action, e.g. <br> interlocking, <br> protection, remote <br> control H01H 13/568 | Insert the following two new <br> references in the existing <br> "Limiting references" table. <br> Detachable member H01H 9/28 <br> Electromagnetic relays <br> H01H 50/323 |
| H01H9/26 | Informative <br> references | Detachable member <br> H01H 9/28 <br> Electromagnetic | Delete the entire "Informative <br> references" section. |
| relays H01H 50/323 |  |  |  |

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| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { change }} \\ & \text { (e.g., section } \\ & \text { title) } \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H11/00 | Limiting references |  | Insert the following new "Limiting references" section. <br> References Limiting references This place does not cover: <br> Processes specially adapted for the manufacture of rectilinearly movable switches having a plurality of operating members associated with different sets of contacts, e.g. keyboards H01H 13/88 |
| H01H11/00 | Informative references | Processes specially adapted for manufacture of rectilinearly movable switches having a plurality of operating members associated with different sets of contacts, e.g. <br> keyboards H01H13/88 <br> Process or apparatus specially adapted for the manufacture or treatment of microstructural devices or systems, e.g. in combination with electrical devices B81C | Replace the two existing references in the "Informative references" table with the following updated reference. <br> Process or apparatus specially adapted for the manufacture or treatment of microstructural devices or systems, e.g. in combination with electrical devices <br> B81C |
| H01H13/02 | Limiting references |  | Delete the entire "Limiting references" section. |

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| Symbol | $\frac{\text { Location of }}{\begin{array}{l} \text { (e.g., section } \\ \text { title) } \end{array}}$ | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H13/02 | Informative references |  | Insert the following new <br> "Informative references" section. <br> References <br> Informative references <br> Attention is drawn to the following places, which may be of interest for search: <br> Specially adapted for rectilinearly movable switches having operating members associated with different sets of contacts, e.g. keyboards H01H 13/70 |
| H01H13/70 | Limiting references |  | Insert the following new "Limiting references" section. <br> References Limiting references This place does not cover: Mounting together a plurality of independent switches H02B |
| H01H13/70 | Informative references | Mounting together a plurality of independent switches H02B | Delete only the following reference from the "Informative references" table. <br> Mounting together a plurality of independent switches H02B |
| H01H19/00 | Limiting references |  | Delete the entire "H01H 19/00" section. |

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| Symbol | Location of <br> (e.g., section <br> title) | Existing reference symbol <br> or text | Action; New symbol; New text <br> H01H27/00Limiting <br> references |
| :--- | :--- | :--- | :--- |
| Locking switch parts <br> to prevent operation <br> H01H 9/28 | Replace the existing reference <br> ("Locking switch...H01H9/28) in <br> the "Limiting references" table <br> with the following two references. |  |  |
| Combined with plug-and-socket |  |  |  |
| connectors 13/70 |  |  |  |

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| Symbol | $\frac{\text { Location of }}{\text { (e.g., section }}$ title) | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H29/32 | Informative references |  | Insert a new "Informative references section" as shown below. <br> References Informative references Attention is drawn to the following places, which may be of interest for search: <br> Switches operated by direct electrodynamic action H01H 53/00 |
| H01H31/04 | Limiting references |  | Delete the entire "Limiting references" section. |
| H01H31/04 | Informative references |  | Insert a new "Informative references section" as shown below. <br> References Informative references Attention is drawn to the following places, which may be of interest for search: <br> Interlocking with high-tension or heavy-current switches having arc-extinguishing or arcpreventing means $\mathrm{H} 01 \mathrm{H} 33 / 52$ |
| H01H31/10 | Limiting references |  | Delete the entire "Limiting references" section. |
| H01H31/10 | Informative references |  | Insert a new "Informative references section" as shown below. <br> References Informative references Attention is drawn to the following places, which may be of interest for search: |

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| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { change }} \\ & \text { (e.g., section } \\ & \text { title) } \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
|  |  |  | Interlocking with high-tension or heavy-current switches having arc-extinguishing or arcpreventing means H01H 33/52 |
| H01H33/18 | Limiting references | Vacuum switches H01H 33/664 <br> Pressure-generated arcs rotated by a magnetic field H01H 33/982 | Delete the following row from the existing "Limiting references" table. <br> Pressure-generated arcs rotated by a magnetic field H01H33/982 |
| H01H33/18 | Informative references |  | Insert a new "Informative references section" as shown below. <br> References Informative references Attention is drawn to the following places, which may be of interest for search: <br> Pressure-generated arcs rotated by a magnetic field H01H 33/982 |
| H01H33/20 | Limiting references |  | Insert a new "Limiting references" section as shown below. <br> References <br> Limiting references <br> This place does not cover: <br> Using blow-out magnet H01H 33/18 |
| H01H33/20 | Informative references | Using blow-out magnet $\mathrm{H} 01 \mathrm{H} 33 / 18$ <br> Arcing horns per se H01T 4/14 | Delete the following reference from the existing "Informative references" table. <br> Using blow-out magnet H01H 33/18 |

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| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { change }} \\ & \begin{array}{l} \text { (e.g., section } \\ \text { title) } \end{array} \\ & \hline \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H33/64 | Limiting references | Breaks in air at atmospheric pressure $\mathrm{H} 01 \mathrm{H} 33 / 62$ | Replace the existing reference in the "Limiting references" table with the following reference. <br> Vacuum switches H01H 33/66 |
| H01H33/64 | Informative references |  | Delete the entire "Informative references" section. |
| H01H35/00 | Limiting references | Operated by change of magnetic or electric field H01H 36/00 <br> Thermally-actuated switches H01H 37/00 <br> Time switches H01H 43/00 Relays H01H 45/00-H01H 61/00 | Replace ALL existing references in the "Limiting references" table with the following updated references. <br> Operated by change of magnetic or electric field H01H 36/00 <br> Thermally-actuated switches H01H 37/00 |
| H01H35/00 | Informative references |  | Insert in the "Informative references" table the following two new references. <br> Time switches H01H 43/00 <br> Relays H01H 45/00-H01H 61/00 |
| H01H35/18 | Limiting references | Switches operated by change of acceleration, wherein the liquid constitutes a contact of the switch H01H 29/002 | Replace the existing reference in the "Limiting references" table with the updated reference below. <br> Switches operated by magnet carried on a float $\mathrm{H} 01 \mathrm{H} 36 / 02$ |

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| Symbol |  | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H35/18 | Informative references | Switches operated by magnet carried on a float H01H 36/02 | Replace the existing reference in the "Informative references" table with the updated reference below. <br> Switches operated by change of acceleration, wherein the liquid constitutes a contact of the switch $\quad$ H01H 29/002 |
| H01H37/00 | Limiting references |  | Delete the entire existing "Limiting references" section. |
| H01H37/00 | Informative references |  | Insert a new "Informative references" section as shown below. <br> References Informative references Attention is drawn to the following places, which may be of interest for search: <br> Electrothermal relays operated by electrical input H01H 61/00 <br> Protective switches with electrothermal release or actuation H01H 73/00-H01H 83/00 |
| H01H41/00 | Limiting references |  | Delete the entire existing "Limiting references" section. |

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| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { change }} \\ & \text { (e.g., section } \\ & \text { title) } \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H41/00 | Informative references |  | Insert a new "Informative references section" as shown below. <br> References Informative references Attention is drawn to the following places, which may be of interest for search: <br> Switches for telephone communication H04M 1/26 |
| H01H45/00 | Limiting references | Relays for emergency protective circuit arrangements H 02 H | Replace in the existing "Limiting references" table the reference "Relays for... H 02 H " with the two new references shown below. <br> Electric circuit arrangements H01H 47/00 <br> Details of electrically-oriented selector switches H01H 63/00 |
| H01H45/00 | Application -oriented references |  | Insert the following new <br> "Application-oriented references" section. <br> Application-oriented references <br> 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: <br> Relays for emergency protective circuit arrangements H 02 H |

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| Symbol |  | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| $\mathrm{H} 01 \mathrm{H} 45 / 10$ | Limiting references |  | Insert the following new "Limiting References" section. <br> References <br> Limiting references <br> This place does not cover: <br> Casings H01H 45/02 |
| $\mathrm{H} 01 \mathrm{H} 45 / 10$ | Informative references | Casings H01H 45/02 <br> Screening in general H05K 9/00 | Delete the following reference from the existing "Informative references" table. <br> Casings H01H 45/02 |
| H01H50/00 | Limiting references | Relays for emergency protective circuit arrangements H 02 H | Delete from the "Limiting references" table the following reference. <br> Relays for emergency protective circuit arrangements $\quad \mathrm{H} 02 \mathrm{H}$ |
| H01H50/00 | Limiting references |  | Insert in the "Limiting references" table the following two new reference. <br> Electric circuit arrangements H01H 47/00 <br> Details of electrically-operated select or switches $\mathrm{H} 01 \mathrm{H} 63 / 00$ |
| H01H50/00 | Informative references | Electric circuit arrangements H01H 47/00 <br> Details of electrically-operated select or switches H01H 63/00 | Delete from the "Informative references" table the following two existing references. <br> Electric circuit arrangements H01H 47/00 <br> Details of electrically-operated select or switches $\mathrm{H} 01 \mathrm{H} 63 / 00$ |

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| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { change }} \\ & \begin{array}{l} \text { (e.g., section } \\ \text { title) } \end{array} \\ & \hline \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H50/00 | Informative references |  | Insert in the "Informative references" table the following new reference. <br> Relays for emergency protective circuit arrangements H 02 H |
| H01H50/10 | Limiting references |  | Insert the following new "Limiting references" section. <br> References Limiting references This place does not cover: <br> Casings <br> H01H 50/02 |
| H01H50/10 | Informative references | Casings H01H 45/02 <br> Screening in general H05K 9/00 | Delete from the "Informative references" table only the following reference. <br> Casings $\quad \mathrm{H} 01 \mathrm{H} 45 / 02$ |
| H01H51/22 | Limiting references | Relays having both armature and contacts within a sealed casting outside which the operating coil is located, e.g. contact carried by a magnetic leaf spring or reed H01H 51/28 | Replace in the "Limiting references" table the existing reference "Relays having...spring or reed...H01H 51/28" with the following reference. <br> Polarised relays having both armature and contacts within a sealed casting outside which the operating coil is located H01H 51/284 |
| H01H67/00 | Limiting references |  | Delete the entire "Limiting references" section. |
| H01H67/00 | Informative references |  | Insert in the existing "Informative references" section the following two new references. <br> Details of electrically-operated selector switches H01H 63/00 |

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| Symbol | $\begin{aligned} & \frac{\text { Location of }}{\text { change }} \\ & \text { (e.g., section } \\ & \text { title) } \end{aligned}$ | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
|  |  |  | Methods, circuits, or apparatus for selectively establishing a connection between a desired number of stations <br> H04Q |
| H01H73/08 | Limiting references |  | Delete the entire existing "Limiting references" section. |
| H01H73/08 | Informative references |  | Insert a new "Informative references section" as shown below. <br> References Informative references Attention is drawn to the following places, which may be of interest for search: <br> Plug-in housings for a plurality of juxtaposed housings H02B 1/056 |
| H01H73/12 | Limiting references |  | Delete the entire "Limiting references" section. |
| $\mathrm{H} 01 \mathrm{H} 73 / 12$ | Informative references |  | Insert a new "Informative references section" as shown below. <br> References Informative references Attention is drawn to the following places, which may be of interest for search <br> Indicating condition of the switch by means of an auxiliary contact <br> H01H 71/46 |

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| Symbol | $\frac{\text { Location of }}{$ change  <br>  (e.g., section  <br>  title) } | $\frac{\text { Existing reference symbol }}{\text { or text }}$ | Action; New symbol; New text |
| :---: | :---: | :---: | :---: |
| H01H73/18 | Limiting references |  | Insert the following new "Limiting references" section. <br> References <br> Limiting references <br> This place does not cover: <br> Magnet coil acting as blow-out <br> device <br> H01H 71/38 |
| H01H73/18 | Informative references | Means for extinguishing or suppressing arc in general H01H 9/30 H01H 9/46 <br> Magnet coil acting as blow-out device H01H 71/38 | Delete the following existing reference from the "Informative references" table. <br> Magnet coil acting as blow-out device H01H 71/38 |
| H01H85/00 | Limiting references | Automatic release of protective switches due to fusion of a mass $\mathrm{H} 01 \mathrm{H} 73 / 00$ - H01H 83/00 | Delete from the "Limiting references" table the following existing reference. <br> Automatic release of protective switches due to fusion of a mass H01H 73/00-H01H 83/00 |
| H01H85/00 | Limiting references |  | Insert the following new reference in the "Limiting references" table. <br> Disposition or arrangement of fuses on boards H02B 1/18 |
| H01H85/00 | Informative references | Disposition or arrangement of fuses on boards H02B 1/18 | Replace in the "Informative references" table the existing references with the following new reference. <br> Automatic release of protective switches due to fusion of a mass H01H 73/00-H01H 83/00 |

## CPC NOTICE OF CHANGES 1064

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NOTES:

- The table above is used for corrections or modifications to existing definitions, e.g. delete an entire definition or part thereof; propose new wording or modify wording of a section, change the symbol the definition is associated with, change or delete a reference symbol, etc.
- Do not delete (F) symbol definitions.

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## 3. REVISION CONCORDANCE LIST (RCL)

| $\underline{\text { Type }} \boldsymbol{*}$ | From CPC Symbol <br> $\underline{\text { (existing) }}$ | To CPC Symbol(s) |
| :--- | :--- | :--- |
| D | H01H 33/62 | <administrative transfer to H01H 33/65> |

* $\mathrm{C}=$ entries with modified file scope where reclassification of documents from the entries is involved; $\mathrm{Q}=$ 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; $\mathrm{D}=$ deleted entries; $\mathrm{F}=$ 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)

| CPC | $\underline{\text { IPC }}$ | Action* |
| :--- | :--- | :--- |
| H01H 33/62 |  | DELETE |
| H01H 33/65 | H01H 33/65 | NEW |

*Action column:

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

