

Title (en)
ELECTRIC SWITCH GEAR

Publication
EP 0410235 A3 19920708 (DE)

Application
EP 90113497 A 19900714

Priority
DE 3924371 A 19890722

Abstract (en)
[origin: EP0410235A2] An electrical switching device (10) with two contact points (70, 71) for a phase conductor and a neutral conductor has a switching mechanism, which can be operated by means of a switching handle (45), for opening and closing the contact points (70, 71), and a fuse element (18) which can be inserted into a retaining space (17) of the switching device and, on insertion and withdrawal, acts on at least one contact point to effect its operation. In order to prevent the switching mechanism being able to be operated when the fuse element (18) is withdrawn, the switching mechanism has a rotatably supported double-armed lever (56), whose first arm (55) is coupled to the switching handle (45) and whose second arm (57) is coupled to the contact points (74, 75; 79, 78), the switching mechanism assuming a first stable position, in which the contact points are closed, and a second stable position, in which the contact points are open. Supported rotatably in the rotation axis of the double-armed lever (56) is a forked lever, which has a first and a second fork arm (60, 61), whose first fork arm (61) is coupled to the fuse element (18) and whose second fork arm (60) is coupled to the switching mechanism in such a manner that, when the fuse element is withdrawn, the switching mechanism can be moved into the second stable position, or is fixed therein. <IMAGE>

IPC 1-7
H01H 9/10

IPC 8 full level
H01H 9/10 (2006.01)

CPC (source: EP)
H01H 9/104 (2013.01)

Citation (search report)

- [AD] NL 8700770 A 19881101 - HOLLANDSE APPARATENFAB
- [A] FR 2410355 A1 19790622 - NL WEBER MIJ [NL]
- [A] EP 0069631 A2 19830112 - MERLIN GERIN [FR]
- [A] DE 3011853 A1 19801009 - HAGER ELECTRO
- [A] FR 2514942 A1 19830422 - HAGER ELECTRO [FR]
- [A] DE 2722279 A1 19781123 - GEYER GMBH & CO CHRISTIAN

Designated contracting state (EPC)
DE NL

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EP 0410235 A2 19910130; EP 0410235 A3 19920708; EP 0410235 B1 19940928; DE 3924371 A1 19910124; DE 59007314 D1 19941103

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