

Title (en)
AUTOMATIC SWITCH

Publication
EP 0072972 A3 19841219 (DE)

Application
EP 82107287 A 19820811

Priority
DE 3133285 A 19810822

Abstract (en)
[origin: EP0072972A2] 1. Automatic switch with a movable contact carrier (12), which is borne in a locally fixed rotational centre (15) and, which is actuatable by way of a switch lock (21) and separately interlockable by way of a spring-loaded interlocking mechanism, characterised by the following features : a) the free ends of a locking lever (2D) end of a tensioning lever (18) borne in the locally fixed rotational centre (15) are each articulatedly connected with the other by way of a sliding member (19), b) the movable contact carrier (12) is provided with a sliding surface (25), which extends in switching direction (34) and forms a sliding guide for the sliding member (19) lying against under the pressure of a spring (32), c) a projection (30), which is provided on the sliding surface (25) in the region near the switch lock, together with the sliding member (19) forms an interlocking place and d) the rotational angle of the tensioning lever (18) is somewhat greater than the opening angle, bounded by an abutment (16), of the movable contact carrier (12).

IPC 1-7
H01H 77/02; **H01H 77/10**

IPC 8 full level
H01H 71/24 (2006.01); **H01H 77/10** (2006.01)

CPC (source: EP)
H01H 71/2409 (2013.01); **H01H 77/105** (2013.01)

Citation (search report)
• [A] DE 2231179 A1 19740117 - BBC BROWN BOVERI & CIE
• [A] EP 0006637 A1 19800109 - FUJI ELECTRIC CO LTD [JP]
• [A] FR 2140563 A1 19730119 - BBC BROWN BOVERI & CIE
• [A] US 3562680 A 19710209 - OZAKI RYOJI, et al
• [A] FR 1372874 A 19640918 - LICENTIA GMBH

Cited by
EP0223272A3; EP0466287A3; CZ300885B6; FR2712116A1

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EP 0072972 A2 19830302; **EP 0072972 A3 19841219**; **EP 0072972 B1 19860611**; DE 3133285 A1 19830310; DE 3133285 C2 19840530

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