

Title (en)
SWITCH OPERATED BY PUSH BUTTON

Publication
EP 0510451 A3 19930107 (DE)

Application
EP 92106150 A 19920409

Priority
DE 4113180 A 19910423

Abstract (en)
[origin: EP0510451A2] In switches which are operated by push buttons or push keys and have a plurality of contacts on stationary and moving contact supports, defects result when the push button or the push key is not operated precisely centrally. This is avoided by the contacts being constructed as circular rings and being arranged concentrically with respect to a guide for the contact supports which consists of a pin and hole.
<IMAGE>

IPC 1-7
H01H 13/10; **H01H 13/12**

IPC 8 full level
H01H 13/10 (2006.01); **H01H 13/12** (2006.01); **H01H 13/48** (2006.01)

CPC (source: EP US)
H01H 13/10 (2013.01 - EP US); **H01H 13/12** (2013.01 - EP US); **H01H 13/48** (2013.01 - EP US)

Citation (search report)
• [A] GB 2081512 A 19820217 - SCHOELLER & CO ELEKTROTECH
• [A] EP 0076450 A2 19830413 - BBC BROWN BOVERI & CIE [DE]
• [A] EP 0336797 A1 19891011 - ITT COMPOSANTS INSTR [FR]
• [AD] DE 2247905 B2 19750528
• [AD] DE 3212937 A1 19831013 - NEUMANN F ELEKTROAPP [DE]

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0510451 A2 19921028; **EP 0510451 A3 19930107**; **EP 0510451 B1 19950705**; DE 4113180 C1 19921105; DE 59202781 D1 19950810; ES 2077277 T3 19951116; US 5552571 A 19960903

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EP 92106150 A 19920409; DE 4113180 A 19910423; DE 59202781 T 19920409; ES 92106150 T 19920409; US 30460694 A 19940912