

Title (en)
ELECTRICAL SWITCH

Publication
EP 0451633 A3 19920909 (DE)

Application
EP 91104942 A 19910328

Priority
DE 4011875 A 19900412

Abstract (en)
[origin: US5164561A] An electrical switch includes a switch casing having an open side; a plunger received in the switch casing and projecting through the open side; a guide defined in the switch casing for guiding the plunger to perform sliding motions in response to an external force exerted thereon; a switching mechanism accommodated in the switch casing for cooperating with the plunger to make or break an electric contact in response to a sliding displacement of the plunger; a lid closing the open side of the switch casing; a sealing arrangement for sealingly securing the lid to the switch casing; and a bell-shaped resilient bellows formed on the lid as an integral part thereof. The bellows projects outwardly from the open side and sealingly surrounds the plunger.

IPC 1-7
H01H 13/06

IPC 8 full level
H01H 13/06 (2006.01)

CPC (source: EP US)
H01H 13/063 (2013.01 - EP US)

Citation (search report)
• [Y] US 4673780 A 19870616 - KENWAY SIDNEY [US]
• [Y] DE 3721123 A1 19890105 - MOTSCH ALFONS [DE]
• [A] DE 970015 C 19580814 - SIEMENS AG
• [A] FR 1352255 A 19640214 - CEM COMP ELECTRO MEC
• [A] FR 1428122 A 19660211 - FEDERICO PALAZZOLI & C SPA

Cited by
EP0708464A3; US5651452A

Designated contracting state (EPC)
DE GB IT NL

DOCDB simple family (publication)
EP 0451633 A2 19911016; EP 0451633 A3 19920909; EP 0451633 B1 19960515; DE 4011875 A1 19911017; DE 59107798 D1 19960620;
US 5164561 A 19921117

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