

Title (en)

MULTI-POLE LOW-VOLTAGE POWER SWITCH WITH A SWITCHING SHAFT

Title (de)

MEHRPOLIGER NIEDERSpannungs-LEistungSSCHALTER MIT EINER SCHALTWELLE

Title (fr)

DISJONCTEUR MULTIPOLAIRE A BASSE TENSION AVEC ARBRE DE COMMANDE

Publication

**EP 0634051 B1 19960110 (DE)**

Application

**EP 93905195 A 19930312**

Priority

- DE 9300241 W 19930312
- DE 4211429 A 19920401

Abstract (en)

[origin: WO9320576A1] Described is a multi-pole low-voltage power switch (1) designed with several switching chambers (3) per pole and a common switching shaft (2) which acts for the pole units (9) formed by the switching chambers (3). The switching shaft (2) is made up of shaft sections (21, 22, 23) which correspond to the pole units (9). While the central shaft section (21) has central pins (24) and levers (25), the peripheral shaft sections (22, 23) are fitted with levers (30) and have central apertures (27) in which the pins (24) engage. Bolts (35) which pass through the levers (25, 30) are used to couple the shaft sections (21, 22, 23) together. The pole units (9) rest on a support (20) which is dimensioned to accommodate the maximum width of the pole units (9) and to allow for possible variations in their dimensions. Side walls (4) of the correct dimensions for a pull-out rack (8) enclose the supporting framework (5) of the power switch (1) on each side.

IPC 1-7

**H01H 71/02**; **H01H 21/18**; **H01H 9/00**

IPC 8 full level

**H01H 9/00** (2006.01); **H01H 21/18** (2006.01); **H01H 71/02** (2006.01)

CPC (source: EP US)

**H01H 9/0072** (2013.01 - EP US); **H01H 21/18** (2013.01 - EP US); **H01H 71/0271** (2013.01 - EP US); **H01H 2003/326** (2013.01 - EP US); **H01H 2009/0094** (2013.01 - EP US)

Cited by

DE19910032C1; US6259338B1

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

**WO 9320576 A1 19931014**; DE 4227352 A1 19931007; DE 59301420 D1 19960222; EP 0634051 A1 19950118; EP 0634051 B1 19960110; JP 3383305 B2 20030304; JP H07505251 A 19950608; US 5608365 A 19970304

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**DE 9300241 W 19930312**; DE 4227352 A 19920814; DE 59301420 T 19930312; EP 93905195 A 19930312; JP 51695393 A 19930312; US 30785794 A 19941031