

Title (en)

SWITCHING CONTACT ARRANGEMENT FOR A POWER SWITCH

Title (de)

SCHALTKONTAKTANORDNUNG FÜR EINEN ELEKTRISCHEN SCHALTER

Title (fr)

ENSEMBLE CONTACT DE COMMUTATION POUR UN COMMUTATEUR ELECTRIQUE

Publication

**EP 1374264 A1 20040102 (DE)**

Application

**EP 02732377 A 20020328**

Priority

- DE 0201250 W 20020328
- DE 10117844 A 20010404
- DE 20118493 U 20011107

Abstract (en)

[origin: US2005035835A1] The invention relates to a switching contact arrangement for a power switch, which is characterized in that a plurality of contact levers are pivoted on a contact support (30) by means of a bearing pin (37) and that the contact support (30) is provided with at least three support elements (32a, 32b, 31) for radially supporting the bearing pin. In order to simplify production of the contact support, at least three of the support elements (32a, 32b, 31) are configured as a one-piece shaped element that forms the contact support (30). At least one of the support elements can have a metal element (31) that is at least partially embedded in a plastic shaped element (43) of the contact support (30). Said metal element (31) can be configured as a sheet metal part.

IPC 1-7

**H01H 1/22**

IPC 8 full level

**H01H 31/02** (2006.01); **H01H 1/22** (2006.01); **H01H 31/30** (2006.01)

CPC (source: EP US)

**H01H 1/226** (2013.01 - EP US)

Citation (search report)

See references of WO 02082481A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**US 2005035835 A1 20050217**; **US 7068131 B2 20060627**; CN 1288684 C 20061206; CN 1496572 A 20040512; DE 50210351 D1 20070802; EP 1374264 A1 20040102; EP 1374264 B1 20070620; HK 1061305 A1 20040910; JP 2004523873 A 20040805; JP 4224301 B2 20090212; WO 02082481 A1 20021017

DOCDB simple family (application)

**US 47397204 A 20040331**; CN 02806508 A 20020328; DE 0201250 W 20020328; DE 50210351 T 20020328; EP 02732377 A 20020328; HK 04104272 A 20040614; JP 2002580360 A 20020328