

Title (en)

CONTACT DEVICE FOR A LOW VOLTAGE CIRCUIT BREAKER WITH A TWO-ARMED CONTACT LEVER

Publication

EP 0174904 B1 19880504 (DE)

Application

EP 85730104 A 19850807

Priority

DE 3431288 A 19840823

Abstract (en)

[origin: US4649247A] A contact assembly is provided for current-limiting low-voltage circuit breakers. The contact assembly has a two-armed contact lever swivel-mounted on a central bearing pin whose lever arms are equipped at their ends with contact pieces. The contact lever is equipped with a slot for mounting on the bearing pin whose longitudinal axis extends approximately at a right angle to the longitudinal axis of contact lever. The contact lever has a stop extending at approximately a right angle to its longitudinal axis for a catch swivel-mounted on the bearing pin. The contact forces on both lever arms cannot be influenced by the swivel mount or by the drive mechanism of the contact lever, but are determined exclusively by the biasing springs.

IPC 1-7

H01H 1/20; **H01H 1/32**

IPC 8 full level

H01H 1/20 (2006.01); **H01H 1/32** (2006.01); **H01H 33/42** (2006.01); **H01H 33/62** (2006.01); **H01H 33/65** (2009.01); **H01H 73/04** (2006.01)

CPC (source: EP US)

H01H 1/205 (2013.01 - EP US); **H01H 1/32** (2013.01 - EP US); **H01H 73/045** (2013.01 - EP US); **H01H 2001/223** (2013.01 - EP US)

Cited by

DE102013208373A1; EP0903761A3; EP0394922A1; FR2818003A1; US6087609A; EP2079088A3; DE102008027582A1; CZ300252B6; DE102008027582B4; FR2825189A1; EP0889498A3; EP0646938A1; EP0314540A1; FR2622347A1; US4910485A; EP0538149A1; FR2682530A1; US5298874A; AU660489B2; US7902948B2; US9299518B2; US6403901B1; WO0106529A1; WO9805049A1; DE112007003283T5; US8159319B2; WO9805053A1; WO9200598A1; WO0165582A3

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EP 0174904 A1 19860319; **EP 0174904 B1 19880504**; CA 1258283 A 19890808; DE 3431288 A1 19860306; DE 3562537 D1 19880609; JP H0610947 B2 19940209; JP S6161319 A 19860329; MX 160683 A 19900409; US 4649247 A 19870310

DOCDB simple family (application)

EP 85730104 A 19850807; CA 489181 A 19850821; DE 3431288 A 19840823; DE 3562537 T 19850807; JP 18500385 A 19850822; MX 875385 A 19850822; US 76757985 A 19850820