

Title (en)

Contact finger for power circuit breaker with leaf spring

Title (de)

Kontaktfinger für Hochleistungsschalter

Title (fr)

Doigt de contact pour disjoncteur haute tension à lame

Publication

**EP 1494252 B1 20070919 (DE)**

Application

**EP 03405494 A 20030702**

Priority

EP 03405494 A 20030702

Abstract (en)

[origin: EP1494252A1] A contact piece (4) juts out from a flexible contact piece support (FCPS) (5) in an outward direction (z) and links to the FCPS on a contact end (52). A leaf spring (LS) (3) stretches in a lengthwise direction (x) and has a fastening end, on which it links to the FCPS fastening end (31) when fitted. The LS can create a force to oppose the FCPS outward direction. Independent claims are also included for the following: (a) A heavy-duty switch with numerous contact finger modules acting as part of a detachable electric contact; (b) and for an isolating link module for a heavy-duty switch.

IPC 8 full level

**H01H 1/44** (2006.01); **H01H 33/02** (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP US)

**H01H 1/44** (2013.01 - EP US); **H01H 33/12** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1494252 A1 20050105; EP 1494252 B1 20070919**; AT E373868 T1 20071015; CN 100361255 C 20080109; CN 1577686 A 20050209; DE 50308222 D1 20071031; JP 2005026226 A 20050127; JP 4541780 B2 20100908; US 2005000944 A1 20050106; US 6884952 B2 20050426

DOCDB simple family (application)

**EP 03405494 A 20030702**; AT 03405494 T 20030702; CN 200410062086 A 20040702; DE 50308222 T 20030702; JP 2004188180 A 20040625; US 87016104 A 20040618