

Title (en)
SWITCHING ARRANGEMENT FOR LOW-VOLTAGE CIRCUIT BREAKERS

Title (de)
SCHALTANORDNUNG FÜR NIEDERSpannungs-LEISTUNGSSCHALTER

Title (fr)
MONTAGE POUR DISJONCTEUR DE PUISSANCE BASSE TENSION

Publication
EP 1374263 B1 20080507 (DE)

Application
EP 02724107 A 20020312

Priority
• DE 0200935 W 20020312
• DE 10117844 A 20010404

Abstract (en)
[origin: DE10117844A1] A switching arrangement for low-voltage circuit breakers with a high nominal current, comprising moveable switching contacts (2,3) arranged essentially on a moveable contact carrier (1), fixed switching contacts and a device for cooling, de-ionizing and extinguishing an electric switching arc (7, 11). The fixed contact is provided with a pre-contact function over the entire contact width thereof. Moveable contact levers (2,3) are arranged according to a set pattern in a distributed manner over the entire width of the contact carriers and are provided with or without a pre-contact (5). A contact lever (2) with a pre-contact (5) and a contact lever (3) without a pre-contact can be provided successively. Similarly, two or more contact levers (2) with a pre-contact (5) and two or more contact levers (3) without a pre-contact can be successively and alternately provided in packet-form.

IPC 8 full level
H01H 1/22 (2006.01); **H01H 33/12** (2006.01); **H01H 33/14** (2006.01)

CPC (source: EP US)
H01H 1/226 (2013.01 - EP US)

Citation (examination)
US 5210385 A 19930511 - MOREL ROBERT [FR], et al

Designated contracting state (EPC)
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DOCDB simple family (publication)
DE 20118493 U1 20020221; CN 1230845 C 20051207; CN 1505824 A 20040616; DE 10117844 A1 20021017; DE 50212227 D1 20080619; EP 1374263 A1 20040102; EP 1374263 B1 20080507; HK 1062355 A1 20041029; JP 2004523874 A 20040805; US 2004094513 A1 20040520; US 6969816 B2 20051129; WO 02082482 A1 20021017

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