

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)  
DE FR GB IT

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

DOCDB simple family (application)  
**DE 20118493 U 20011107**; CN 02806516 A 20020312; DE 0200935 W 20020312; DE 10117844 A 20010404; DE 50212227 T 20020312; EP 02724107 A 20020312; HK 04105202 A 20040715; JP 2002580361 A 20020312; US 47397103 A 20031003