

Title (en)

Multi-pole circuit breaker with single pole switching units

Title (de)

Mehrpoliger Schutzscharter mit einpoligen Schalteinheiten

Title (fr)

Disjoncteur multipolaire à blocs de coupure unipolaire

Publication

**EP 1564773 B1 20140521 (FR)**

Application

**EP 05354003 A 20050111**

Priority

FR 0401248 A 20040210

Abstract (en)

[origin: EP1564773A1] The circuit breaker has four single-pole breaking units (2) each having a parallelepiped box with two lateral sides (44). An operating mechanism (17) controls an opening/closing of mobile and fixed contacts of the units, which are grouped on two superposed layers. Each unit has a connecting rod (13) coupled to a crank. The cranks of each layer are connected by an operating rod (20) and are actuated simultaneously by the mechanism.

IPC 8 full level

**H01H 71/10** (2006.01); **H01H 71/52** (2006.01); **H01H 73/06** (2006.01); **H01H 73/20** (2006.01); **H02B 1/20** (2006.01); **H02B 1/40** (2006.01); **H01H 1/20** (2006.01); **H01H 1/58** (2006.01); **H01H 9/34** (2006.01)

CPC (source: EP US)

**H01H 71/1009** (2013.01 - EP US); **H01H 1/2058** (2013.01 - EP US); **H01H 1/5866** (2013.01 - EP US); **H01H 9/342** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1564773 A1 20050817**; **EP 1564773 B1 20140521**; CN 1655306 A 20050817; CN 1655306 B 20110608; FR 2866152 A1 20050812; FR 2866152 B1 20060317; JP 2005251742 A 20050915; JP 4549879 B2 20100922; US 2005174203 A1 20050811; US 7323958 B2 20080129

DOCDB simple family (application)

**EP 05354003 A 20050111**; CN 200510006449 A 20050201; FR 0401248 A 20040210; JP 2005034918 A 20050210; US 3722305 A 20050119