

Title (en)
Circuit breaker

Title (de)
Leistungsschalter

Title (fr)
Commutateur de puissance

Publication
EP 2544206 B1 20161214 (DE)

Application
EP 11172629 A 20110705

Priority
EP 11172629 A 20110705

Abstract (en)
[origin: EP2544206A1] The power switch has a short circuit trigger and a thermal overload trigger (1). The short circuit trigger has an anchor and a pole arranged in a coil with a yoke plate (4) and a clamp terminal. The thermal overload trigger has a metal strip (2) made of two kinds of metals. A heating cable (3) is made to wrap the metal strip and an electrical insulator is arranged between the heating cable and metal strip. A separating portion (5) is connected to the yoke plate.

IPC 8 full level
H01H 71/02 (2006.01); **H01H 71/16** (2006.01); **H01H 71/40** (2006.01); **H01H 71/24** (2006.01)

CPC (source: EP KR US)
H01H 71/0207 (2013.01 - EP US); **H01H 71/16** (2013.01 - EP US); **H01H 71/18** (2013.01 - KR); **H01H 71/40** (2013.01 - EP US);
H01H 73/36 (2013.01 - KR); **H01H 71/2463** (2013.01 - EP US)

Cited by
EP3185275A1; FR3045931A1; US9916955B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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CN 102867710 A 20130109; CN 102867710 B 20160817; KR 101564549 B1 20151102; KR 20130005242 A 20130115;
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