

Title (en)
CIRCUIT BREAKER

Title (de)
LEISTUNGSSCHALTER

Title (fr)
DISJONCTEUR

Publication
EP 2018647 B1 20140101 (DE)

Application
EP 07729048 A 20070511

Priority
• EP 2007054596 W 20070511
• DE 102006023372 A 20060516

Abstract (en)
[origin: WO2007131968A1] A circuit breaker (1) is made available with a nominal current contact arrangement (8, 10) which has a nominal current contact (8) and a nominal current mating contact (10) which are movable in relationship to each other, and with an arc contact arrangement (2) which has an arc contact (6) and an arc mating contact (4) which are movable in relationship to each other. The circuit breaker (1) also has kinematics which can be driven by means of an actuating member (18) which is effectively connected with the nominal current contact (8) and the arc contact (6) and is designed in such a way that, as a function of a breaking movement of the actuating member (18), first a disconnection of the nominal current contact (8) from the nominal current mating contact (10) is effected, before a disconnection of the arc contact (6) from the arc mating contact (4) occurs. The effective kinematics is also designed in such a way that, as a function of the switching-on movement of the actuating member (18), first an electrical connection of the arc contact (6) is created with the arc mating contact (4), before an electrical connection of the nominal current contact (8) is made with the nominal current mating contact (10).

IPC 8 full level
H01H 33/66 (2006.01); **H01H 33/12** (2006.01)

CPC (source: EP US)
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