

Title (en)
High breaking capacity circuit breaker

Title (de)
Leistungsschalter mit hoher Ausschaltleistung

Title (fr)
Disjoncteur à haute capacité de coupure

Publication
EP 1998349 A1 20081203 (EN)

Application
EP 07425330 A 20070530

Priority
EP 07425330 A 20070530

Abstract (en)
Circuit breaker (1) comprising an electric circuit having at least a fixed electric contact (25) and at least a movable electric contact (24), wherein the movable contact (24) is rotatable along a trajectory (T) lying in a plane and defined between a first operating position, in which the movable contact (24) abuts against the fixed contact (25) and a second operating position, in which the movable contact (24) is positioned at a predetermined distance from the fixed contact (25), wherein the circuit breaker (1) further comprises a holding element (20) for the fixed contact (25). The circuit breaker (1) further comprises two generally plate-like parallel elements (27, 28), made of ferromagnetic material, positioned at a certain mutual distance on opposite sides with respect to said plane.

IPC 8 full level
H01H 9/34 (2006.01); **H01H 9/44** (2006.01)

CPC (source: EP)
H01H 9/346 (2013.01); **H01H 9/446** (2013.01); **H01H 9/36** (2013.01)

Citation (search report)

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- [X] US 5589672 A 19961231 - UCHIDA NAOSHI [JP], et al
- [X] DE 202006005418 U1 20060608 - MOELLER GMBH [DE]
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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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1998349 A1 20081203; **EP 1998349 B1 20120711**; ES 2391200 T3 20121122; PL 1998349 T3 20121130

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EP 07425330 A 20070530; ES 07425330 T 20070530; PL 07425330 T 20070530