

Title (en)
DIRECT CURRENT CIRCUIT BREAKER

Title (de)
SCHALTGERAET GEEIGNET FUER EINEN GLEICHSTROMBETRIEB

Title (fr)
DISJONTEUR A COURANT CONTINU

Publication
EP 2795643 B1 20200219 (DE)

Application
EP 12798778 A 20121212

Priority
• EP 11195174 A 20111222
• EP 2012075264 W 20121212
• EP 12798778 A 20121212

Abstract (en)
[origin: EP2608234A1] The switching device (1) has an arc driver arrangement (16) which generates a magnetic field in the region of pair of contacts (7). The arc driver arrangement has a primary arc guiding arrangement (20) by which an arc produced between the contact portions (9,11) is guided in a primary current direction to a quenching device (14) for quenching the arc. A secondary arc guiding arrangement (21) is provided, by which arc produced between contact portions is guided in secondary current direction opposite the primary current direction, to the quenching device for quenching the arc.

IPC 8 full level
H01H 9/44 (2006.01); **H01H 9/36** (2006.01); **H01H 9/46** (2006.01); **H01H 73/04** (2006.01)

CPC (source: EP US)
H01H 9/36 (2013.01 - EP US); **H01H 9/443** (2013.01 - EP US); **H01H 9/46** (2013.01 - EP US); **H01H 33/10** (2013.01 - US); **H01H 33/185** (2013.01 - US); **H01H 33/42** (2013.01 - US); **H01H 73/045** (2013.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2608234 A1 20130626; EP 2795643 A1 20141029; EP 2795643 B1 20200219; PL 2795643 T3 20200810; US 2015129548 A1 20150514; US 9552943 B2 20170124; WO 2013092348 A1 20130627

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