

Title (en)

SWITCH SUITABLE FOR DIRECT CURRENT OPERATION

Title (de)

SCHALTGERÄT GEEIGNET FÜR EINEN GLEICHSTROMBETRIEB

Title (fr)

APPAREIL DE COMMUTATION POUR UN FONCTIONNEMENT À COURANT CONTINU

Publication

EP 2786388 A1 20141008 (DE)

Application

EP 12794313 A 20121128

Priority

- EP 11191216 A 20111129
- EP 2012073792 W 20121128
- EP 12794313 A 20121128

Abstract (en)

[origin: EP2600371A1] The contact pairs (12,17) have movable contacts (10,15) and the contacts (11,16) which are in contact with each other in switched-on state. An arc driver assembly (24) produces a magnetic field in the area of contact pairs. An arc conducting assembly (22) conducts the arc to a quenching apparatus (32). An arc conducting assembly (23) conducts the arc to a quenching apparatus (37). The conducting assemblies have a conducting plate (8) immovably accommodated in housing (6) and a conducting plate (29) connected at least partially rigidly to a bridge assembly (18) and arranged movably.

IPC 8 full level

H01H 9/36 (2006.01); **H01H 9/44** (2006.01); **H01H 1/20** (2006.01); **H01H 50/54** (2006.01)

CPC (source: EP US)

H01H 9/36 (2013.01 - EP US); **H01H 9/443** (2013.01 - EP US); **H01H 33/04** (2013.01 - US); **H01H 1/20** (2013.01 - EP US); **H01H 50/546** (2013.01 - EP US)

Citation (search report)

See references of WO 2013079508A1

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)

EP 2600371 A1 20130605; EP 2786388 A1 20141008; EP 2786388 B1 20170531; PL 2786388 T3 20171130; US 2014347151 A1 20141127; WO 2013079508 A1 20130606

DOCDB simple family (application)

EP 11191216 A 20111129; EP 12794313 A 20121128; EP 2012073792 W 20121128; PL 12794313 T 20121128; US 201214360946 A 20121128