

Title (en)

SWITCHING DEVICE FOR DC APPLICATIONS

Title (de)

SCHALTGERAET FUER GLEICHSTROMANWENDUNGEN

Title (fr)

APPAREIL DE COMMUTATION POUR APPLICATIONS À COURANT CONTINU

Publication

**EP 2786385 A1 20141008 (DE)**

Application

**EP 12777934 A 20121029**

Priority

- EP 11191219 A 20111129
- EP 2012071410 W 20121029
- EP 12777934 A 20121029

Abstract (en)

[origin: EP2600367A1] The device has switching chambers (8, 9) for respective current paths (5, 6), and switching contact arrangements comprising contacts (15, 18). The contacts are connected in a switched-on condition of the device and arranged at a distance from each other in a switched-off condition of the device. Extinguishing devices are formed for the respective paths for extinguishing an arc occurring between the contacts. An arc driver arrangement is arranged in one of the chambers, generates a magnetic field in the area of the arrangements and drives the arc into the extinguishing device.

IPC 8 full level

**H01H 1/54** (2006.01); **H01H 1/20** (2006.01); **H01H 9/34** (2006.01); **H01H 9/44** (2006.01)

CPC (source: EP US)

**H01H 1/2025** (2013.01 - EP US); **H01H 9/34** (2013.01 - EP US); **H01H 9/443** (2013.01 - EP US); **H01H 33/08** (2013.01 - US); **H01H 33/182** (2013.01 - US); **H01H 33/596** (2013.01 - EP US)

Citation (search report)

See references of WO 2013079269A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2600367 A1 20130605**; EP 2786385 A1 20141008; EP 2786385 B1 20161221; PL 2786385 T3 20170331; US 2014319099 A1 20141030; US 9552944 B2 20170124; WO 2013079269 A1 20130606

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