

Title (en)  
SWITCH HAVING A QUENCHING CHAMBER

Title (de)  
SCHALTER MIT LOESCHKAMMER

Title (fr)  
INTERRUPTEUR À CHAMBRE D'EXTINCTION

Publication  
**EP 2649628 A1 20131016 (DE)**

Application  
**EP 11793783 A 20111207**

Priority  
• EP 10194011 A 20101207  
• EP 2011072094 W 20111207  
• EP 11793783 A 20111207

Abstract (en)  
[origin: EP2463877A1] The switch (1) has two magnets generating a magnetic field (M) in a region of contact regions of switching chambers (11a, 11b) for exerting magnetic force (F) on flashing arcs. The flashing arcs are driven in a direction of extinguishing equipment (41-43) depending on a current direction (I) in the flashing arcs, where the extinguishing equipment extinguish the flashing arcs. A contact piece (30) of the switching chambers is arranged in such manner that the contact regions are formed in a line perpendicular to a motion direction.

IPC 8 full level  
**H01H 9/44** (2006.01); **H01H 1/20** (2006.01); **H01H 9/34** (2006.01)

CPC (source: EP US)  
**H01H 1/2025** (2013.01 - EP US); **H01H 9/346** (2013.01 - EP US); **H01H 9/443** (2013.01 - EP US); **H01H 33/182** (2013.01 - EP US); **H01H 33/596** (2013.01 - EP US)

Citation (search report)  
See references of WO 2012076604A1

Designated contracting state (EPC)  
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