

Title (en)

High-voltage power switch with a rotating light arc

Title (de)

Hochspannungsleistungsschalter mit rotierendem Schaltlichtbogen

Title (fr)

Commutateur de puissance haute tension doté d'arcs électriques de commutation rotatifs

Publication

**EP 2056321 B1 20100512 (DE)**

Application

**EP 07119904 A 20071102**

Priority

EP 07119904 A 20071102

Abstract (en)

[origin: EP2056321A1] The high-voltage power switch has a housing (1) filled with insulating gas, and a heating volume (14) for accepting compressed quenching gas. A coil segment (51) is provided, which has a winding (53) of a coil (50). Arc race (15) is also provided, which is disposed at a gap (D) from each other in the axial direction. An axially oriented segment of a ferromagnetic core (40) is formed as a hollow cylinder (41), and is extended into the gap.

IPC 8 full level

**H01H 33/18** (2006.01); **H01H 33/98** (2006.01)

CPC (source: EP)

**H01H 33/18** (2013.01); **H01H 33/982** (2013.01)

Citation (examination)

WO 2008055753 A1 20080515 - ABB RESEARCH LTD [CH], et al

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

DOCDB simple family (publication)

**EP 2056321 A1 20090506; EP 2056321 B1 20100512**; AT E467899 T1 20100515; DE 502007003782 D1 20100624; WO 2009056438 A1 20090507

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