

Title (en)

High voltage switch

Title (de)

Hochspannungsschalter

Title (fr)

Commutateur haute tension

Publication

**EP 2278604 B1 20120314 (DE)**

Application

**EP 09165985 A 20090721**

Priority

EP 09165985 A 20090721

Abstract (en)

[origin: EP2278604A1] The switch has an intermediate wall (42) designed as a part of a hollow metal casting body (40) that contains exhaust and suction openings (47, 48). An intermediate volume (44) is arranged between compression and exhaust regions (52, 43) and separated from the exhaust region by the wall. A piston-cylinder-compression device (50) has a piston (51) fastened at a front side of the body, where the piston axially limits the volume. A capacity of the volume defined by axial distance of the volume from the piston is larger than capacity of the compression region in a switch-on position of the switch.

IPC 8 full level

**H01H 33/91** (2006.01); **H01H 33/90** (2006.01)

CPC (source: EP)

**H01H 33/91** (2013.01); **H01H 3/40** (2013.01); **H01H 33/901** (2013.01); **H01H 33/904** (2013.01); **H01H 33/905** (2013.01); **H01H 2033/028** (2013.01)

Cited by

CN110088866A; EP3561840A4

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2278604 A1 20110126**; **EP 2278604 B1 20120314**; AT E549731 T1 20120315; ES 2384425 T3 20120704

DOCDB simple family (application)

**EP 09165985 A 20090721**; AT 09165985 T 20090721; ES 09165985 T 20090721