

Title (en)

Fast switch with Thomson coil and damping

Title (de)

Schneller Switch mit Thomson-Spule und -Dämpfung

Title (fr)

Commutateur rapide avec bobine Thomson et amortissement

Publication

EP 2546847 B1 20150603 (EN)

Application

EP 11173993 A 20110714

Priority

EP 11173993 A 20110714

Abstract (en)

[origin: EP2546847A1] A medium or high voltage switch has a switching assembly (12) actuated by at least one drive (18, 19). The drive (18, 19) comprises a plunger (27) arranged between two Thomson coils (37, 38). The plunger (27) is located in a chamber (26), with vents extending through the wall (25) of the chamber (26) for controlling and in particular for damping the motion of the plunger (27).

IPC 8 full level

H01H 3/22 (2006.01); **H01H 33/28** (2006.01); **H01H 3/60** (2006.01); **H01H 9/40** (2006.01); **H01H 33/14** (2006.01)

CPC (source: EP)

H01H 3/222 (2013.01); **H01H 33/285** (2013.01); **H01H 3/605** (2013.01); **H01H 9/40** (2013.01); **H01H 33/14** (2013.01)

Cited by

CN111627749A; EP2779191A1; US11004641B2

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