

Title (en)

High-tension circuit breaker with a metal tank filled with dielectric gas

Title (de)

Hochspannungsschalter mit einem isoliergasgefüllten Metallbehälter

Title (fr)

Disjoncteur à haute tension avec réservoir métallique rempli d'un gaz diélectrique

Publication

EP 1930929 B2 20130130 (DE)

Application

EP 06405507 A 20061206

Priority

EP 06405507 A 20061206

Abstract (en)

[origin: EP1930929A1] The high-tension circuit breaker has a metal tank filled with insulation gas and an arcing chamber embedded in the tank. A housing (3) is aligned along an axis and an arcing contact arrangement is located in the housing. An exhaust volume is limited by the housing and an outlet channel is guided through the wall of the housing for exhaust gas (9). An electrically screened annular edge (21), which rotates around the axis, is arranged on a front side (20) of the housing mount (18), which serves to separate a flow of exhaust gas that comes out of the outlet channel from a housing mount.

IPC 8 full level

H01H 33/74 (2006.01)

CPC (source: EP US)

H01H 33/74 (2013.01 - EP US); **H01H 2033/888** (2013.01 - EP US)

Citation (opposition)

Opponent :

- WO 03096366 A1 20031120 - SIEMENS AG [DE], et al
- WO 03046939 A1 20030605 - SIEMENS AG [DE], et al

Cited by

DE102012202406A1; EP2256776A1; US10199189B2

Designated contracting state (EPC)

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EP 1930929 A1 20080611; **EP 1930929 B1 20100210**; **EP 1930929 B2 20130130**; AT E457520 T1 20100215; CN 101197220 A 20080611; CN 101197220 B 20130508; DE 502006006123 D1 20100325; JP 2008147183 A 20080626; US 2008135522 A1 20080612; US 7956306 B2 20110607

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EP 06405507 A 20061206; AT 06405507 T 20061206; CN 200710196857 A 20071205; DE 502006006123 T 20061206; JP 2007306805 A 20071128; US 98764907 A 20071203