

Title (en)

GAS BLAST CIRCUIT BREAKER WITH A RADIAL FLOW OPENING

Title (de)

DRUCKGASSCHALTER MIT EINER RADIALEN DURCHSTRÖMÖFFNUNG

Title (fr)

DISJONCTEUR À GAZ COMPRIMÉ AVEC UNE APERTURE RADIALE DU PASSAGE

Publication

EP 2126947 B1 20190410 (DE)

Application

EP 07857869 A 20071219

Priority

- EP 2007064248 W 20071219
- EP 06405545 A 20061227
- EP 07857869 A 20071219

Abstract (en)

[origin: EP1939910A1] The circuit-breaker (10) has a contact (18) establishing an electrically conductive and detachable connection with another contact (14). The contacts are moved relative to each other along a longitudinal axis (A). Blow volumes (46, 52, 54) are in connection with an arcing zone (40). A low pressure chamber (72) is detached from the volumes by a separating unit (30). Throughflow openings (62, 64, 66) facilitate gas exchange and are provided between the chamber and the volumes. An area of the unit separates the volumes from the chamber in a radial direction with respect to the axis.

IPC 8 full level

H01H 33/90 (2006.01)

CPC (source: EP US)

H01H 33/901 (2013.01 - EP US); **H01H 33/91** (2013.01 - EP US); **H01H 2033/906** (2013.01 - EP US); **H01H 2033/908** (2013.01 - EP US)

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 1939910 A1 20080702; CN 101573774 A 20091104; CN 101573774 B 20130109; EP 2126947 A2 20091202; EP 2126947 B1 20190410; US 2009261071 A1 20091022; US 8546716 B2 20131001; WO 2008080858 A2 20080710; WO 2008080858 A3 20080821

DOCDB simple family (application)

EP 06405545 A 20061227; CN 200780048479 A 20071219; EP 07857869 A 20071219; EP 2007064248 W 20071219; US 49186309 A 20090625