

Title (en)
SWITCHGEAR

Title (de)
SCHALTGERÄT

Title (fr)
COMMUTATEUR

Publication
EP 2263245 A1 20101222 (DE)

Application
EP 09717170 A 20090217

Priority
• AT 2009000058 W 20090217
• AT 3582008 A 20080305

Abstract (en)
[origin: US2009223934A1] A switching device has an input terminal and an output terminal for connection to electrical conductors, and two switching contacts which, when closed, close a current path between the input terminal and the output terminal. A disconnect device is operatively connected to at least one of the input terminal and the output terminal for disconnecting the two switching contacts. An arc quenching chamber composed of a plurality of metal plates is arranged in the region of the switching. At least two of the metal plates abut one another at least over a region to attain high reliability and operational safety even after repeated disconnects.

IPC 8 full level
H01H 9/36 (2006.01)

CPC (source: EP US)
H01H 9/362 (2013.01 - EP US); **H01H 9/345** (2013.01 - EP US); **H01H 2009/365** (2013.01 - EP US)

Citation (search report)
See references of WO 2009108969A1

Citation (examination)
WO 0139224 A1 20010531 - MOELLER GMBH [DE], et al

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
US 2009223934 A1 20090910; US 8237074 B2 20120807; AR 070779 A1 20100505; AT 509277 A1 20110715; AU 2009221607 A1 20090911; BR PI0908547 A2 20150929; CA 2717814 A1 20090911; CN 101527209 A 20090909; CN 101527209 B 20140528; CN 201270212 Y 20090708; EP 2263245 A1 20101222; IL 207999 A0 20101230; RU 2010140595 A 20120410; RU 2502147 C2 20131220; WO 2009108969 A1 20090911

DOCDB simple family (application)
US 39782109 A 20090304; AR P090100753 A 20090304; AT 2009000058 W 20090217; AT 3582008 A 20080305; AU 2009221607 A 20090217; BR PI0908547 A 20090217; CA 2717814 A 20090217; CN 200810099065 A 20080516; CN 200820111609 U 20080516; EP 09717170 A 20090217; IL 20799910 A 20100905; RU 2010140595 A 20090217