

Title (en)

SWITCHING DEVICE HAVING A VACUUM INTERRUPTER CHAMBER

Title (de)

SCHALTGERÄT MIT VAKUUMSCHALTKAMMER

Title (fr)

APPAREIL DE COMMUTATION AVEC CHAMBRE DE COUPURE SOUS VIDE

Publication

EP 2153452 B1 20170531 (DE)

Application

EP 08749242 A 20080430

Priority

- EP 2008003494 W 20080430
- DE 102007021091 A 20070503

Abstract (en)

[origin: WO2008135214A1] The invention relates to a switching device having a vacuum interrupter chamber, in which at least one movable contact piece is arranged according to the preamble of claim 1. In order to considerably increase the switching performance and the dielectric strength, it is proposed according to the invention that two contact arrangements connected in series within a vacuum interrupter chamber are arranged with a total of two disclosed contact surfaces.

IPC 8 full level

H01H 33/66 (2006.01); **H01H 9/40** (2006.01)

CPC (source: EP KR US)

H01H 9/40 (2013.01 - EP KR US); **H01H 33/66** (2013.01 - EP KR US); **H01H 1/0233** (2013.01 - EP US); **H01H 1/025** (2013.01 - EP US);
H01H 1/04 (2013.01 - EP US); **H01H 2033/6668** (2013.01 - EP US)

Citation (examination)

US 3405245 A 19681008 - TOSHIO ITO, 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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007021091 A1 20081106; DE 102007021091 B4 20120223; CN 101675491 A 20100317; CN 101675491 B 20131106;
EP 2153452 A1 20100217; EP 2153452 B1 20170531; KR 101293578 B1 20130813; KR 20100034730 A 20100401;
RU 2009144765 A 20110610; RU 2428761 C2 20110910; US 2010108643 A1 20100506; US 8658933 B2 20140225;
WO 2008135214 A1 20081113; WO 2008135214 A8 20100128

DOCDB simple family (application)

DE 102007021091 A 20070503; CN 200880014633 A 20080430; EP 08749242 A 20080430; EP 2008003494 W 20080430;
KR 20097021899 A 20080430; RU 2009144765 A 20080430; US 61154809 A 20091103