

Title (en)
SWITCHING DEVICE

Title (de)
SCHALTGERÄT

Title (fr)
INTERRUPTEUR

Publication
EP 2689446 A1 20140129 (DE)

Application
EP 12716369 A 20120418

Priority
• DE 102011017815 A 20110429
• EP 2012057067 W 20120418

Abstract (en)
[origin: WO2012146517A1] In order to design a switching device (1), in particular load-break switches, for medium-voltage switchgear, comprising a quench contact system for quenching an arc during a shut-down process of the switching device (1) and a primary contact system connected in series to the quench contact system for forming a dielectric isolating distance with an open state of the primary contact system and quenched arc, which switching device has a compact design, according to the invention the primary contact system comprises a first fixed contact (2) and a second fixed contact (3), which are diametrically opposed to one another, and a movable contact (4), which can be rotated by means of a rotary post insulator (5) arranged centrally between the first fixed contact (2) and the second fixed contact (3) and which has a quench contact system integrated therein.

IPC 8 full level
H01H 33/12 (2006.01); **H01H 33/666** (2006.01); **H01H 3/42** (2006.01)

CPC (source: EP)
H01H 33/122 (2013.01); **H01H 33/127** (2013.01); **H01H 33/6661** (2013.01); **H01H 3/42** (2013.01)

Citation (search report)
See references of WO 2012146517A1

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)
DE 102011017815 B3 20121011; CN 103503105 A 20140108; CN 103503105 B 20151223; EP 2689446 A1 20140129; EP 2689446 B1 20170531; WO 2012146517 A1 20121101

DOCDB simple family (application)
DE 102011017815 A 20110429; CN 201280020960 A 20120418; EP 12716369 A 20120418; EP 2012057067 W 20120418