

Title (en)

ELECTRICAL SWITCHING DEVICE HAVING CONTACT PIECE DISPLACEABLE ALONG AN AXIS OF MOVEMENT

Title (de)

ELEKTRISCHES SCHALTGERÄT MIT EINEM LÄNGS EINER BEWEGUNGSACHSE BEWEGBAREN KONTAKTSTÜCK

Title (fr)

APPAREIL DE COMMUTATION ÉLECTRIQUE AVEC UN CONTACT MOBILE LE LONG D'UN AXE DE MOUVEMENT

Publication

**EP 2041763 A1 20090401 (DE)**

Application

**EP 07787362 A 20070711**

Priority

- EP 2007057088 W 20070711
- DE 102006033898 A 20060718

Abstract (en)

[origin: WO2008009603A1] The invention relates to an electrical switching device having a displaceable contact piece (5). The displaceable contact piece (5) is mounted on an encapsulated housing (1). The displaceable contact piece (5) extends within and outside of the encapsulated housing (1). The displaceable contact piece (5) is sealed gas-proof in relation to the encapsulated housing (1). For forming a gas-proof transition, first and second sealing elements (12, 13) are provided, which, as axial sealing elements, are alternately pressed against the encapsulated housing (1) by peripheral collars (12, 13) of the displaceable contact piece (5). According to the invention, a third sealing element (11) is provided, which seals the displaceable contact piece (5) in a radial direction.

IPC 8 full level

**H01H 31/00** (2006.01); **H02B 13/075** (2006.01)

CPC (source: EP US)

**H01H 31/003** (2013.01 - EP US)

Citation (search report)

See references of WO 2008009603A1

Designated contracting state (EPC)

CH DE FR IT LI

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2008009603 A1 20080124**; CN 101490779 A 20090722; CN 101490779 B 20120530; DE 102006033898 A1 20080131; EP 2041763 A1 20090401; RU 2009105485 A 20100827; RU 2437179 C2 20111220; US 2010072175 A1 20100325; US 8119946 B2 20120221

DOCDB simple family (application)

**EP 2007057088 W 20070711**; CN 200780027227 A 20070711; DE 102006033898 A 20060718; EP 07787362 A 20070711; RU 2009105485 A 20070711; US 37401007 A 20070711