

Title (en)
GAS-INSULATED SWITCHING DEVICE

Title (de)
GASISOLIERTE SCHALTVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMUTATION IMPÉRMÉABLE AU GAZ

Publication
EP 2360798 A4 20131120 (EN)

Application
EP 09829033 A 20091116

Priority
• JP 2009069676 W 20091116
• JP 2008300619 A 20081126

Abstract (en)
[origin: EP2360798A1] Large-diameter part 16 is formed at the axial-middle part of rotary shaft 15 that rotates driven by operating device. Insulated operating rod 14, the distal end of which makes move in the form of a segment of a circle effected by the rotation of rotary shaft 15, is formed integrally using filler-filled resin over large-diameter part 16 of rotary shaft 15 by cast so that the large-diameter part 15 is embedded into one end of insulated operating rod 14. The contact and connection between insulated operating rod 14 and moving rod 13 is given such sliding surface 21 as is formed for example in an elliptical shape so that the contact occur always at almost one-point on the axis line of the moving rod 13.

IPC 8 full level
H01H 33/64 (2006.01); **H01H 33/91** (2006.01); **H02B 13/02** (2006.01)

CPC (source: EP)
H01H 33/42 (2013.01); **H01H 33/91** (2013.01); **H01H 2033/888** (2013.01)

Citation (search report)
• [A] US 2006243091 A1 20061102 - YOSHIDA DAISUKE [JP], et al
• [AD] JP H08298040 A 19961112 - MITSUBISHI ELECTRIC CORP
• [A] EP 1494254 A1 20050105 - ABB RESEARCH LTD [CH]
• See references of WO 2010061785A1

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 SM TR

DOCDB simple family (publication)
EP 2360798 A1 20110824; EP 2360798 A4 20131120; EP 2360798 B1 20140820; CN 102187537 A 20110914; CN 102187537 B 20131127; HK 1158384 A1 20120713; JP 5135442 B2 20130206; JP WO2010061785 A1 20120426; WO 2010061785 A1 20100603

DOCDB simple family (application)
EP 09829033 A 20091116; CN 200980140727 A 20091116; HK 11112411 A 20111117; JP 2009069676 W 20091116; JP 2010540464 A 20091116