

Title (en)
Switching device

Title (de)
Schaltvorrichtung

Title (fr)
Dispositif de commutation

Publication
EP 2221844 A1 20100825 (EN)

Application
EP 09153480 A 20090224

Priority
EP 09153480 A 20090224

Abstract (en)
A switching device is provided, which includes a housing filled with an insulating gas, a first contact element including a first main contact and a first arcing contact, and a moveable second contact element including a second main contact and second arcing contact, said second contact element being movable from a first position, where the first and the second main contacts as well as the first and the second arcing contacts are in direct contact, to a second position, where neither the first and the second main contacts nor the first and the second arcing contacts are in direct contact, said second contact element further including an impedance element electrically connecting the second main contact with the second arcing contact.

IPC 8 full level
H01H 33/16 (2006.01); **H01H 31/32** (2006.01); **H01H 33/64** (2006.01)

CPC (source: EP KR)
H01H 31/32 (2013.01 - KR); **H01H 33/16** (2013.01 - KR); **H01H 33/168** (2013.01 - EP); **H01H 33/64** (2013.01 - KR); **H01H 31/32** (2013.01 - EP); **H01H 33/64** (2013.01 - EP); **H01H 2033/163** (2013.01 - EP)

Citation (search report)

- [XY] EP 0348645 A2 19900103 - LICENTIA GMBH [DE]
- [XY] JP H025244 U 19900112
- [X] EP 0398211 A1 19901122 - ALSTHOM GEC [FR]
- [XY] JP S5540959 U 19800315
- [Y] JP S6441130 A 19890213 - TOSHIBA CORP
- [XY] JP H0381919 A 19910408 - TOSHIBA CORP
- [XY] JP S5271054 U 19770527
- [A] US 5764129 A 19980609 - SYOUJI MORITAKA [JP], et al

Cited by
CN103238196A; CN104064398A; EP2551876A3; CN109074972A; EP3070727A1; EP3226274A1; US9524837B2; WO2012072410A1; WO2017182073A1; WO2016150637A1

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)
EP 2221844 A1 20100825; EP 2221844 B1 20131009; CN 102428537 A 20120425; KR 101255697 B1 20130417; KR 20110110815 A 20111007; WO 2010097322 A1 20100902

DOCDB simple family (application)
EP 09153480 A 20090224; CN 201080009783 A 20100218; EP 2010052014 W 20100218; KR 20117019559 A 20100218