

Title (en)
Switch pole unit

Title (de)
Schalterpoleinheit

Title (fr)
Unité de commutation de pôles

Publication
EP 2575153 B1 20170719 (DE)

Application
EP 12184683 A 20120917

Priority
DE 202011106188 U 20110930

Abstract (en)
[origin: EP2575153A2] The pole unit (1) has a vacuum switching chamber (2.1) provided with a fixed contact and a moving contact (2.2) i.e. bolt, that is drivable into a switching on position. A linear guide (12) i.e. ball circulation guide, is arranged at distance from the switching chamber or connected with a linearly movable drive element (10) in same direction to linearly guide the moving contact. A cutoff spring (5) directly acts on the movable contact or on a counter bearing, which is rigidly connected to the movable contact.

IPC 8 full level
H01H 3/42 (2006.01); **H01H 33/666** (2006.01); **H01H 3/48** (2006.01)

CPC (source: EP)
H01H 3/42 (2013.01); **H01H 33/666** (2013.01); **H01H 3/48** (2013.01); **H01H 2033/6667** (2013.01)

Citation (examination)

- DE 2934776 A1 19810312 - SIEMENS AG
- DD 240801 A1 19861112 - ILMENAU TECH HOCHSCHULE [DD]
- JP S55131919 A 19801014 - MITSUBISHI ELECTRIC CORP

Cited by
US10096444B2; WO2016000907A1; WO2018027545A1

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 202011106188 U1 20130109; DK 2575153 T3 20171030; EP 2575153 A2 20130403; EP 2575153 A3 20150304; EP 2575153 B1 20170719

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