

Title (en)

AVOIDING INCORRECT ORIENTATIONS OF A DRIVE ROD OF A POWER SWITCH

Title (de)

VERMEIDUNG VON FEHLAUSRICHTUNGEN EINER ANTRIEBSSTANGE EINES LEISTUNGSSCHALTERS

Title (fr)

PRÉVENTION DE DÉFAUTS D'ALIGNEMENT D'UNE BARRE D'ENTRAÎNEMENT D'UN DISJONCTEUR

Publication

EP 3138113 A1 20170308 (DE)

Application

EP 15728813 A 20150605

Priority

- DE 102014212583 A 20140630
- EP 2015062608 W 20150605

Abstract (en)

[origin: WO2016000907A1] The invention relates to a power switch (1) with a vacuum interrupter (4) held in a pole shell (3) having a fixed contact and a moving contact and having a drive rod (8) which is embodied in an electrically insulating fashion in order to apply a driving movement (13) of a switch drive (9) to the moving contact in order to open and close the contact system of the vacuum interrupter (4). Furthermore, the invention relates to a method for avoiding incorrect orientations of the drive rod (8) of such a power switch (1). In order to make available a particularly simple and, at the same time, economical solution for avoiding incorrect orientations of the drive rod (8), guide means and/or centring means (21) are proposed which are connected to the drive rod (8) and provided radially between the drive rod (8) and the pole shell (3) and are designed to bring about independent axial orientation of the drive rod (8) in the pole shell (3).

IPC 8 full level

H01H 33/66 (2006.01); **H01H 33/666** (2006.01)

CPC (source: CN EP US)

H01H 11/04 (2013.01 - US); **H01H 33/66** (2013.01 - CN EP US); **H01H 33/666** (2013.01 - CN EP US); **H01H 2033/6667** (2013.01 - CN EP US)

Citation (search report)

See references of WO 2016000907A1

Cited by

CN111696822A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102014212583 A1 20151231; CN 106463299 A 20170222; CN 106463299 B 20190927; EP 3138113 A1 20170308; EP 3138113 B1 20200916; US 10096444 B2 20181009; US 2017133181 A1 20170511; WO 2016000907 A1 20160107

DOCDB simple family (application)

DE 102014212583 A 20140630; CN 201580031300 A 20150605; EP 15728813 A 20150605; EP 2015062608 W 20150605; US 201515318554 A 20150605