

Title (en)
Push switch

Title (de)
Druckschalter

Title (fr)
Interrupteur à bouton-poussoir

Publication
EP 2793245 A1 20141022 (EN)

Application
EP 14161183 A 20140321

Priority
JP 2013087845 A 20130418

Abstract (en)
A push switch is provided with a knob 8 that causes the movable contact point 9a in contact with the fixed contact point 7a to slide thereon by a push operation of the knob, thereby connecting/disconnecting the movable contact point 9a and the fixed contact point 7a. A sliding direction of the movable contact point 9a is set to a direction vertical to the push direction of the knob 8, and the push operation of the knob allows the movable contact point 9a in contact with the fixed contact point 7a to slide in a direction vertical to the push direction of the knob 8.

IPC 8 full level
H01H 1/40 (2006.01); **H01H 3/42** (2006.01); **H01H 13/32** (2006.01)

CPC (source: EP)
H01H 1/40 (2013.01); **H01H 3/42** (2013.01); **H01H 13/32** (2013.01); **H01H 2221/058** (2013.01); **H01H 2300/01** (2013.01)

Citation (applicant)
JP 2001243850 A 20010907 - NILES PARTS CO LTD

Citation (search report)
• [XY] DE 202008002853 U1 20090709 - SAIA BURGESS HALVER GMBH [DE]
• [Y] US 3916150 A 19751028 - ABERNETHY LYNN W, et al
• [A] EP 2405539 A2 20120111 - KIM CHANG HO [KR]
• [A] DE 102006036143 A1 20080207 - VALEO SCHALTER & SENSOREN GMBH [DE]

Cited by
EP4198684A1; EP4194999A1; US11917762B2

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)
EP 2793245 A1 20141022; EP 2793245 B1 20160720; CN 104112615 A 20141022; CN 104112615 B 20171124; JP 2014212038 A 20141113; JP 6188397 B2 20170830; KR 102124852 B1 20200619; KR 20140125318 A 20141028

DOCDB simple family (application)
EP 14161183 A 20140321; CN 201410157704 A 20140418; JP 2013087845 A 20130418; KR 20140046040 A 20140417