

Title (en)
SLIDE SWITCH FOR ELECTRIC TOOL

Title (de)
SCHIEBESCHALTER FÜR ELEKTROWERKZEUG

Title (fr)
COMMUTATEUR À GLISSIÈRE POUR OUTIL ÉLECTRIQUE

Publication
EP 2759380 A4 20160406 (EN)

Application
EP 12880607 A 20120802

Priority
• JP 2011204995 A 20110920
• IB 2012001483 W 20120802

Abstract (en)
[origin: EP2759380A1] A slide switch for an electric tool is provided with a pair of rails (2) and a slide part (3) for sliding sandwiched between said rails, and said rails (2) are provided with a positioning region for determining the position in the sliding direction of the slide part. The positioning region, comprising a plurality of concave parts (23) formed in a line on the slide part side, has at least three positioning units formed so as to be centered around one of the concave parts (23). The angle of inclination (\pm) of an ascending inclined face (27) of the positioning unit which is two units or more in front of the positioning unit which is in the final position at the tip end in the sliding direction is smaller than the angle of inclination ($^{\circ}$) of an ascending inclined face (25) of the positioning unit adjacent to said positioning unit in the tip end direction.

IPC 8 full level
B25F 5/00 (2006.01); **H01H 15/10** (2006.01)

CPC (source: EP)
B25F 5/00 (2013.01); **H01H 3/50** (2013.01); **H01H 3/52** (2013.01); **H01H 15/10** (2013.01); **H01H 9/06** (2013.01)

Citation (search report)
• [X] US 5824977 A 19981020 - TAKANO TSUNESUKE [JP], et al
• [A] EP 2184138 A2 20100512 - BLACK & DECKER INC [US]
• [A] DE 20305224 U1 20030605 - HILTI AG [LI]
• [A] DE 102006035386 A1 20080508 - HILTI AG [LI]
• See references of WO 2014006438A1

Cited by
WO2020083729A1

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)
EP 2759380 A1 20140730; EP 2759380 A4 20160406; EP 2759380 B1 20171004; CN 103826804 A 20140528; CN 103826804 B 20160629; JP 2013066944 A 20130418; JP 5821032 B2 20151124; WO 2014006438 A1 20140109; WO 2014006438 A8 20140313

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