Title (en)
SWITCH

Title (de)
SCHALTER

Title (fr)
INTERRUPTEUR

Publication
EP 2991090 A1 20160302 (EN)

Application
EP 14823072 A 20140603

Priority
• JP 2013142914 A 20130708
• JP 2014002948 W 20140603

Abstract (en)
A switch (10) includes: a body (5) to which a push button handle (32) is provided; a piano handle (43) which is pivotably attached to a front surface of the body (5) at one end of the piano handle (43) and is in contact with the push button handle (32); a switch mechanism (40) which is configured to switch a contact device between an open state and a closed state alternately each time the push button handle (32) is pushed; and a reverse mechanism (41) which is configured to swing a reverse handle (31) in opposite directions alternately each time the push button handle (32) is pushed. The reverse mechanism (41) includes: a slide cam (33) which is placed between the push button handle (32) and the reverse handle (31) and is configured to slide so as to enable the push button handle (32) to push either one of both sides of the reverse handle (31); and a metal spring piece (33a) which is placed outside the slide cam (33) and is for applying a force in an opposite direction to a direction in which the slide cam (33) slides.

IPC 8 full level
H01H 21/00 (2006.01); **H01H 3/12** (2006.01); **H01H 13/26** (2006.01); **H01H 21/24** (2006.01); **H01H 21/36** (2006.01)

CPC (source: EP)
H01H 3/12 (2013.01); **H01H 13/26** (2013.01); **H01H 21/245** (2013.01); **H01H 21/36** (2013.01)

Cited by
EP3540751A1; WO2019175397A1

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 2991090 A1 20160302; **EP 2991090 A4 20160622**; CN 105247645 A 20160113; JP 2015018605 A 20150129; JP 6245503 B2 20171213; KR 20160003095 A 20160108; PH 12015502605 A1 20160229; TW 201523676 A 20150616; TW I567772 B 20170121; WO 2015004842 A1 20150115

DOCDB simple family (application)
EP 14823072 A 20140603; CN 201480031408 A 20140603; JP 2013142914 A 20130708; JP 2014002948 W 20140603; KR 20157033574 A 20140603; PH 12015502605 A 20151123; TW 103120277 A 20140612