

Title (en)
SWITCH

Title (de)
SCHALTER

Title (fr)
INTERRUPTEUR

Publication
EP 2983190 A1 20160210 (EN)

Application
EP 15175061 A 20150702

Priority
JP 2014162748 A 20140808

Abstract (en)
Provided is a switch capable of singly detecting external forces loaded from multiple directions. The switch is a switch including: a base (10); a cover (80) mounted on one surface of the base (10); an operation body (40) which is stored in an operation recess (11) formed on one surface of the base (10) and is held between the base (10) and the cover (80) rotatably from the outside; a return spring (70) which is supported between the cover (80) and the operation body (40) and is configured to apply a return force to the operation body (40); and a contact mechanism portion (20) which is disposed between the base (10) and the operation body (40), the switch operating the operation body (40) to drive the contact mechanism portion (20). In particular, at least one operation receiving portion (50) is extended from an outer peripheral surface of the operation body (40), and at least one operation surface (52) is extended from an apex (51) located at a free end of the operation receiving portion (50).

IPC 8 full level
H01H 25/00 (2006.01)

CPC (source: EP)
H01H 25/008 (2013.01); **H01H 23/145** (2013.01)

Citation (applicant)
JP H0520208 B2 19930318

Citation (search report)
• [X] EP 2101341 A2 20090916 - HOSIDEN CORP [JP]
• [X] JP 2011100566 A 20110519 - HOSIDEN CORP
• [A] US 6680444 B1 20040120 - LEE KING-LONG [TW]
• [A] JP 2001135201 A 20010518 - MATSUSHITA ELECTRIC IND CO LTD

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 2983190 A1 20160210; **EP 2983190 B1 20180912**; CN 106206134 A 20161207; CN 106206134 B 20190111; JP 2016039081 A 20160322; JP 6409398 B2 20181024

DOCDB simple family (application)
EP 15175061 A 20150702; CN 201510427046 A 20150720; JP 2014162748 A 20140808