

Title (en)
SWITCH

Title (de)
SCHALTER

Title (fr)
COMMUTATEUR

Publication
EP 2897145 A4 20151007 (EN)

Application
EP 13837986 A 20130820

Priority
• JP 2012203329 A 20120914
• JP 2013004921 W 20130820

Abstract (en)
[origin: EP2897145A1] A switch includes a switch body configured to be embedded in an embedding hole provided in a wall member, and a plate configured to be fixed to the wall member while being detachably attached to the switch body. The plate has a through-hole through which the switch body is inserted. The plate is provided at portions thereof, facing each other across the switch body, with engagement projections, respectively. The switch body is provided with engagement recesses. The switch body and the plate are configured to be attached to each other by the engagement projections being respectively engaged with the engagement recesses. The engagement projections, which are relatively likely to be damaged when the attachment and detachment of the switch body with respect to the plate are repeated, are provided at the plate that is generally more inexpensive than the switch body. Therefore, it is possible to more reduce the maintenance cost, compared with a case where the engagement projections are provided on the switch body side.

IPC 8 full level
H01H 9/02 (2006.01); **H01H 23/14** (2006.01); **H01H 23/20** (2006.01)

CPC (source: EP)
H01H 23/143 (2013.01); **H01H 23/205** (2013.01); **H01H 23/04** (2013.01)

Citation (search report)
• [X] JP H10188736 A 19980721 - MATSUSHITA ELECTRIC WORKS LTD
• [A] DE 4242962 A1 19930819 - GIERSEIPEN GIRA GMBH [DE]
• [A] MX PA03006196 A 20041215 - SIMON SA [ES]
• [A] DE 2412949 A1 19751009 - GIERSEIPEN ELTECH IND
• See references of WO 2014041748A1

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 2897145 A1 20150722; **EP 2897145 A4 20151007**; JP 2014059996 A 20140403; JP 6089358 B2 20170308; WO 2014041748 A1 20140320

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