

Title (en)  
SWITCH

Title (de)  
SCHALTER

Title (fr)  
COMMUTATEUR

Publication  
**EP 2685483 A4 20141203 (EN)**

Application  
**EP 11860185 A 20110323**

Priority  
• JP 2011051618 A 20110309  
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Abstract (en)  
[origin: EP2685483A1] The present invention provides a high-productivity switch wherein a press button can be mounted after incorporating internal components into a housing. For this purpose, a press button (90) is inserted into an operating hole (14) in a housing (10) such that an engaging projection (91) provided on the lower end edge portion of the press button (90) is engaged with a first engaging groove (17) provided on the inner periphery surface of the operating hole (14). Further, said engaging projection (91) which passed through said first engaging groove (17) pushes a slider (60) downward while rotating said press button (90). Then, the engaging projection (91) of said press button (90) is engaged with a second engaging groove (64) which is provided on the inner periphery surface of a recessed portion (63) of said slider (60), whereby said slider (60) moves upward and holds said press button (90) in place.

IPC 8 full level  
**H01H 13/14** (2006.01); **H01H 3/12** (2006.01); **H01H 13/52** (2006.01); **H01H 3/42** (2006.01); **H01H 13/18** (2006.01)

CPC (source: EP)  
**H01H 3/42** (2013.01); **H01H 13/52** (2013.01); **H01H 13/18** (2013.01)

Citation (search report)  
• [XY] EP 0386844 A2 19900912 - CGE SPA [IT]  
• [Y] WO 02059924 A1 20020801 - METHODE ELECTRONICS INC [DE], et al  
• [Y] US 2010243418 A1 20100930 - MACHIDA NORIYOSHI [JP], et al  
• [Y] GB 1262391 A 19720202 - TELEMMECCANICA ELETTRICA [IT]  
• See references of WO 2012120700A1

Cited by  
EP3282463A1; US10366851B2

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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

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