

Title (en)
PUSH-BUTTON ACTUATED SAFETY SWITCH

Title (de)
DRUCKKNOPFBETÄTIGTER SCHUTZSCHALTER

Title (fr)
COMMUTATEUR DE SECURITE ACTIONNE PAR BOUTON

Publication
EP 0660965 B1 19970409 (DE)

Application
EP 93919012 A 19930917

Priority
• DE 9300880 W 19930917
• DE 9212645 U 19920919
• DE 9213787 U 19921013

Abstract (en)
[origin: WO9407255A1] A safety switch (1) has a switching rocker (17) for switching it on and off that forms a two-armed lever and is swivellingly mounted on a base (16). The base (16) is surrounded by a housing (2, 3) in a contact-safe manner. On the actuating side of the safety switch (1) is arranged a lid (3) for covering the switching rocker (17). An opening is arranged within the lid (3) to receive a slip-on part which extends through the opening and exerts a pressure on one arm of the lever of the switching rocker (17). In one of both switching positions, the slip-on part projects on the side of said arm of the lever further out of the opening of the housing than in the other switching position, indicating the switching state of the safety switch (1). The slip-on part may selectively be a switch-button (9) movably linked to an arm of the lever of the switching rocker (17) or a switching hood (41) fixedly connected to both arms of the lever.

IPC 1-7
H01H 71/58; **H01H 13/68**; **H01H 11/00**

IPC 8 full level
H01H 11/00 (2006.01); **H01H 13/68** (2006.01); **H01H 71/58** (2006.01); **H01H 71/74** (2006.01); **H01H 73/06** (2006.01); **H01H 73/08** (2006.01); **H01H 73/12** (2006.01); **H01H 73/30** (2006.01)

CPC (source: EP US)
H01H 11/0018 (2013.01 - EP US); **H01H 13/68** (2013.01 - EP US); **H01H 71/58** (2013.01 - EP US); **H01H 2003/028** (2013.01 - EP US)

Designated contracting state (EPC)
AT CH DE FR GB IT LI SE

DOCDB simple family (publication)
WO 9407255 A1 19940331; AT E151565 T1 19970415; DE 59306131 D1 19970515; DE 9321289 U1 19970109; EP 0660965 A1 19950705; EP 0660965 B1 19970409; JP 2904928 B2 19990614; JP H07507656 A 19950824; US 5558211 A 19960924

DOCDB simple family (application)
DE 9300880 W 19930917; AT 93919012 T 19930917; DE 59306131 T 19930917; DE 9321289 U 19930917; EP 93919012 A 19930917; JP 50769094 A 19930917; US 39725695 A 19950315