

Title (en)
Pushbutton switch

Title (de)
Druckknopfschalter

Title (fr)
Interrupteur à bouton-poussoir

Publication
EP 0893809 A2 19990127 (EN)

Application
EP 98304337 A 19980602

Priority
JP 19709097 A 19970723

Abstract (en)
A small and thin pushbutton switch is described, which has a high operability in assembly and mounting and a high resistance to dust, at a low cost. The outer periphery of an annular elastic plate (7) for covering the outer periphery of a metal contact (6) is caulked by a caulking wall (1b) of a housing (1), whereby the entire inner periphery of the annular elastic plate (7) is held in elastic contact with the outer periphery of the metal contact. This makes strict caulking control unnecessary because the metal contact (6) is not directly caulked. Moreover, the tight contact between the metal contact (6) and the annular elastic plate (7) is maintained even when the metal contact (6) is pressed, and a high resistance to dust can be obtained. Still furthermore, the number of components is small and the reduction in size and thickness is not hindered. <IMAGE>

IPC 1-7
H01H 13/48; **H01H 13/06**

IPC 8 full level
H01H 13/06 (2006.01); **H01H 13/48** (2006.01)

CPC (source: EP)
H01H 13/06 (2013.01); **H01H 13/48** (2013.01)

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
EP 0893809 A2 19990127; **EP 0893809 A3 19990818**; **EP 0893809 B1 20040324**; CN 1104016 C 20030326; CN 1206209 A 19990127; DE 69822565 D1 20040429; DE 69822565 T2 20040805; JP H1139985 A 19990212; KR 100324784 B1 20020509; KR 19990014023 A 19990225; TW 388045 B 20000421

DOCDB simple family (application)
EP 98304337 A 19980602; CN 98103065 A 19980723; DE 69822565 T 19980602; JP 19709097 A 19970723; KR 19980029247 A 19980721; TW 87109700 A 19980617