

Title (en)  
Pushbutton switch

Title (de)  
Druckknopfschalter

Title (fr)  
Interrupteur à bouton-poussoir

Publication  
**EP 0893809 B1 20040324 (EN)**

Application  
**EP 98304337 A 19980602**

Priority  
JP 19709097 A 19970723

Abstract (en)  
[origin: EP0893809A2] 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)

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