

Title (en)  
Push-button switch

Title (de)  
Drucktaster

Title (fr)  
Interrupteur à effet tactile

Publication  
**EP 0902450 B1 20031022 (EN)**

Application  
**EP 98306425 A 19980812**

Priority  
JP 23609697 A 19970901

Abstract (en)  
[origin: EP0902450A1] A push-button switch comprises a housing (10) having a pair of fixed contacts (11,12) disposed on an inner bottom portion of a recess (10a); a metal contact (13) disposed within said recess of the housing, said metal contact being in contact with one of said fixed contacts at all times and capable of coming into contact with and away from the other fixed contact; a spacer member (14) formed as an elastic member, an outer peripheral portion of said spacer member being placed around said recess of the housing to prevent the entry of dust into the recess; a frame (16) formed by a metallic plate, said frame being fixed to the housing while pressing down the outer peripheral portion of said spacer member toward the surface of the housing on which said outer peripheral portion is placed; and a stem (15) which can cause said metal contact to be deformed downward when depressed, said stem having an operating part (15a) which projects from a central hole of said frame to the side opposite to the recess side, wherein said frame is provided with opposed bent pieces (16b) which are bent along side walls of said housing and which are opposed to a side end face of the outer peripheral portion of said spacer member. <IMAGE>

IPC 1-7  
**H01H 13/70**

IPC 8 full level  
**H01H 13/04** (2006.01); **H01H 13/06** (2006.01); **H01H 13/52** (2006.01); **H01H 13/48** (2006.01)

CPC (source: EP)  
**H01H 13/04** (2013.01); **H01H 13/06** (2013.01); **H01H 13/48** (2013.01)

Cited by  
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Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
**EP 0902450 A1 19990317**; **EP 0902450 B1 20031022**; CN 1107327 C 20030430; CN 1210348 A 19990310; DE 69819097 D1 20031127; DE 69819097 T2 20040708; JP H1173839 A 19990316; KR 100322777 B1 20020509; KR 19990029355 A 19990426; TW 381278 B 20000201

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