

Title (en)
Push switch

Title (de)
Tastschalter

Title (fr)
Interrupteur à bouton poussoir

Publication
EP 1035556 A2 20000913 (EN)

Application
EP 00105076 A 20000310

Priority
JP 6559699 A 19990311

Abstract (en)
A layout structure of fixed terminals in a housing of a push switch is provided, the fixed terminals having a shape permitting the length in their arranged direction in the housing to be shortened and permitting the push switch to be surface-mounted onto a circuit board, and wherein even if a plurality of bent portions are formed within the housing, the spacing between contacts can be set to a minimum without being influenced by variations in machining of the bent portions, thus making it possible to reduce the size of the housing and hence of the push switch. The push switch comprises a box-shaped housing, a pair of fixed terminals fixed within the housing, a stem held slidably by inner side faces of the housing, and a movable contact disposed above the fixed terminal so as to be operable in interlock with movement of the stem. The paired fixed terminals each comprises a base portion embedded in the housing, a terminal portion extending outwards of the housing, and a contact portion exposed to an inner surface of a bottom of the housing so as to be spaced a predetermined distance from a contact portion of the other fixed terminal. The paired fixed terminals are arranged so that the respective base portions are aligned with each other. The contact portions are bent and opposed to each other on a line perpendicular to the arranged direction of the base portions. <IMAGE>

IPC 1-7
H01H 13/10

IPC 8 full level
H01H 9/02 (2006.01); **H01H 13/10** (2006.01); **H01H 13/52** (2006.01)

CPC (source: EP)
H01H 13/10 (2013.01); **H01H 2001/5888** (2013.01); **H01H 2207/032** (2013.01)

Cited by
DE102009037016A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1035556 A2 20000913; **EP 1035556 A3 20010829**; CN 1135582 C 20040121; CN 1267072 A 20000920; JP 2000260259 A 20000922; KR 100331729 B1 20020409; KR 20000062625 A 20001025; TW 434611 B 20010516

DOCDB simple family (application)
EP 00105076 A 20000310; CN 00102818 A 20000310; JP 6559699 A 19990311; KR 20000009129 A 20000224; TW 89101322 A 20000126