

Title (en)
Microswitch

Title (de)
Mikroschalter

Title (fr)
Microrupteur

Publication
EP 0618601 B1 19961106 (DE)

Application
EP 94104209 A 19940317

Priority
DE 9305073 U 19930402

Abstract (en)
[origin: EP0618601A1] The invention relates to a microswitch having a housing (1) which has a base (2), connecting contacts (10, 11, 12) projecting out of the base, which connecting contacts (10, 11, 12) can be sealed from the housing by means of a potting compound (13) and are provided with receptacles for the connection of electrical cables. Since, in the case of normal microswitches, the dimensions of the switch are enlarged as a result of the necessary seals by additional parts required for sealing, the object of the invention is to make available a microswitch for use in different environmental conditions using as many identical components as possible, without in so doing changing the structural size. This object is achieved in that the base has a trough-shaped depression (4), which is surrounded by walls on at least three sides, for accommodating the potting compound, by the connecting contacts each having a separating line running within the depression and being capable of being cut to length on this separating line, in such a manner that the remaining residue of the connecting contacts also ends within the depression, the remaining residue of the connecting contacts likewise having receptacles for the connection of electrical cables. <IMAGE>

IPC 1-7
H01H 1/58; **H01H 13/06**

IPC 8 full level
H01H 1/58 (2006.01); **H01H 9/04** (2006.01); **H01H 11/00** (2006.01); **H01H 13/06** (2006.01); **H01H 13/52** (2006.01)

CPC (source: EP US)
H01H 11/0031 (2013.01 - EP US); **H01H 13/06** (2013.01 - EP US); **H01H 11/0006** (2013.01 - EP US)

Cited by
DE102011103598A1; DE102011122862B3; CN106298396A; DE102011103598B4; EP1619701A1; US7087851B2; WO2012163474A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
DE 9305073 U1 19930609; DE 59400979 D1 19961212; EP 0618601 A1 19941005; EP 0618601 B1 19961106; JP 2878963 B2 19990405; JP H0773776 A 19950317; US 5453589 A 19950926

DOCDB simple family (application)
DE 9305073 U 19930402; DE 59400979 T 19940317; EP 94104209 A 19940317; JP 8525594 A 19940401; US 22180794 A 19940401