

Title (en)
Membrane switch

Title (de)
Membranschalter

Title (fr)
Commutateur à membrane

Publication
EP 1119008 A3 20030806 (DE)

Application
EP 01100139 A 20010115

Priority
DE 20001024 U 20000121

Abstract (en)
[origin: EP1119008A2] The membrane switch has a main housing (10) that has formed lugs (34) that allow it to be latched into a housing (36). The push button panel (12) has an extension with slots (42) that are limited in displacement by also engaging formed lugs (40). Internally the switch membrane engages contacts the have projecting pins (16).

IPC 1-7
H01H 13/14; **H01H 13/04**

IPC 8 full level
H01H 13/00 (2006.01); **H01H 3/12** (2006.01); **H01H 13/04** (2006.01); **H01H 13/14** (2006.01); **H01H 1/58** (2006.01); **H01H 13/02** (2006.01)

CPC (source: EP KR US)
H01H 13/04 (2013.01 - EP KR US); **H01H 13/14** (2013.01 - EP US); **H01H 1/5866** (2013.01 - EP US); **H01H 13/023** (2013.01 - EP US)

Citation (search report)

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- [Y] US 5821490 A 19981013 - BLOSSFELD MICHAEL [US]
- [A] DE 4408366 A1 19950914 - ABB PATENT GMBH [DE]
- [A] US 5727675 A 19980317 - LEVEQUE DENIS J [US], et al
- [PX] DE 29914538 U1 20001228 - ESCHA BAUELEMENTE GMBH [DE]

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
DE 20001024 U1 20000608; BR 0100111 A 20010828; BR PI0100111 B1 20160301; CN 1170295 C 20041006; CN 1307345 A 20010808; CZ 2001246 A3 20010912; DE 50112054 D1 20070405; EP 1119008 A2 20010725; EP 1119008 A3 20030806; EP 1119008 B1 20070221; ES 2160558 T1 20011116; JP 2001250447 A 20010914; KR 20010076334 A 20010811; US 6333478 B1 20011225

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DE 20001024 U 20000121; BR 0100111 A 20010118; CN 01111385 A 20010121; CZ 2001246 A 20010119; DE 50112054 T 20010115; EP 01100139 A 20010115; ES 01100139 T 20010115; JP 2001012796 A 20010122; KR 20010002848 A 20010118; US 76191301 A 20010117