

Title (en)
Illuminated membrane electrical switch

Title (de)
Elektrischer Schalter mit beleuchteter Membran

Title (fr)
Interrupteur électrique à membrane illuminée

Publication
EP 1006543 B1 20050202 (EN)

Application
EP 98122875 A 19981202

Priority
EP 98122875 A 19981202

Abstract (en)
[origin: EP1006543A1] An illuminated switch (20) includes a resilient actuation layer (22) having at least a light transmissive portion. A flexible illumination layer (26) is disposed below the actuation layer. A spacer layer (28) is disposed below the illumination layer and includes an aperture (28a) in registry with the light transmissive portion of the actuation layer. A contact layer (30) is disposed below the spacer layer and includes a dome portion (30a) having a convex side projecting into the aperture (28a) in the spacer layer (28). A conductive contact (38) is disposed on the concave side of the dome portion (30a) for engaging a switch contact (40) below the contact on the contact layer. <IMAGE>

IPC 1-7
H01H 13/70

IPC 8 full level
H01H 13/702 (2006.01)

CPC (source: EP)
H01H 13/702 (2013.01); **H01H 2219/018** (2013.01); **H01H 2219/02** (2013.01)

Cited by
EP3243703A1; CN107399369A; US6806815B1; US8432363B2

Designated contracting state (EPC)
DE FI FR GB IT SE

DOCDB simple family (publication)
EP 1006543 A1 20000607; **EP 1006543 B1 20050202**; DE 69828885 D1 20050310; DE 69828885 T2 20060119

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