

Title (en)  
PUSH BUTTON SWITCH OR KEY SWITCH

Publication  
**EP 0410281 A3 19921209 (DE)**

Application  
**EP 90113722 A 19900718**

Priority  
CH 282189 A 19890728

Abstract (en)  
[origin: EP0410281A2] A push cap (24) is inserted into the housing (1) from the front such that it can be displaced axially about a switching path (S). Under the push cap (24) there is a reflector (27) for a light source (46) which can be plugged into plug contacts (48) in connector sockets (52, 53) on the housing side. In order to simplify assembly, it is proposed that the push cap (24) and the reflector (27) be fixedly connected to one another and have a guide (28, 54, 55, 56), which is parallel to the housing axis and whose length is at least equal to the switching path (S). Furthermore, the light source (46) can be inserted into the guide (28, 54, 55, 56) with corresponding complementary guide parts (47), and can be pushed into the housing (1) together with the push cap (24). At the same time, the plug contacts (48) are pushed into the connector sockets (52, 53). <IMAGE>

IPC 1-7  
**H01H 13/02**

IPC 8 full level  
**H01H 13/02** (2006.01); **H01H 13/28** (2006.01)

CPC (source: EP US)  
**H01H 13/023** (2013.01 - EP US)

Citation (search report)  
• [A] US 4447685 A 19840508 - OHASHI SHIGEO [JP], et al  
• [AD] CH 650618 A5 19850731 - OLTEN AG ELEKTRO APPARATEBAU  
• [A] EP 0160206 A2 19851106 - OMRON TATEISI ELECTRONICS CO [JP]  
• [A] EP 0188215 A2 19860723 - OMRON TATEISI ELECTRONICS CO [JP]  
• [AD] DE 3239224 A1 19830511 - OLTEN AG ELEKTRO APPARATEBAU [CH]

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