

Title (en)

Push button switch with lens cap snugly placed over the top of the button.

Title (de)

Druckknopfschalter mit Linsenkappe, die eng auf dem Knopf angebracht ist.

Title (fr)

Interrupteur à bouton poussoir avec un capuchon à lentille serré au-dessus du bouton.

Publication

**EP 0446487 A1 19910918 (EN)**

Application

**EP 90125662 A 19901228**

Priority

US 49350190 A 19900314

Abstract (en)

A push button switch comprises an electrical contact module (1), an enlarged halo (4) to accommodate a switch actuator (3) and a legend plate (4.7), and a halo adapter (2) interfacing the halo (4) with the electrical contact module (1), whereby halo (4) and halo adapter (2) define a housing for the switch actuator (3). Actuating legs (3.2) of the switch actuator (3) engage a spring biased contact carrier (1.3) of the electrical contact module (1) and the contact carrier (1.3) thus pushes the switch actuator (3) against a first projection (4.2) of the halo (4). An actuating force applied to a lens (3.5) of a lens cap (3.4) overcomes the bias of the contact carrier (1.3) causing the switch actuator (3) to travel inside the switch actuator housing. The switch actuator (3) comes to rest as soon as a base portion (3.1) reaches a wall (2.3) of the halo adapter (2). <IMAGE>

IPC 1-7

**H01H 9/18; H01H 13/02**

IPC 8 full level

**H01H 9/16** (2006.01); **H01H 13/02** (2006.01)

CPC (source: EP)

**H01H 13/023** (2013.01)

Citation (search report)

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