Title (en)

STACKED ELECTRIC SWITCH WITH A ROTATING CONTROL MEMBER

Publication

EP 0180857 B1 19890104 (FR)

Application

EP 85113492 A 19851024

Priority

FR 8416446 A 19841026

Abstract (en)

[origin: ES289862U] The rotary switch consists of a plurality of switch decks and is designed to be mounted on a support (2) by a mounting plate (3). At one of its ends it is operated by a control shaft (4) which actuates contacts by cams (5) located in switch modules (9,10). The moving members of a plurality of electrical contacts are also located in the modules stacked about the control shaft. The switch body is provided with two through holes (13, 14) aligned with the axis of the control shaft (4). One of the holes goes through the mounting plate (3) and the other through an end plate (12), at the opposite end of the switch from the mounting plate. Each through hole allows the shaft to rotate therein as required. The mounting plate (3) and end plate (12) includes a ring recess (15 or 16) for ring (17) serving to limit the angle of shaft rotation. One of the through holes includes a lock (19) for locking against axial movement the assembly formed by the shaft and the cams it controls. The lock (19) contains the ring recess (16) of the through hole of which it forms a part. The switch can be mounted either in a panel (flush) or on a wall (projecting) merely by reconfiguring the assembly of its components.

IPC 1-7

H01H 21/02; H01H 19/64

IPC 8 full level

H01H 19/62 (2006.01); **H01H 19/03** (2006.01); **H01H 19/64** (2006.01)

CPC (source: EP US)

H01H 19/03 (2013.01 - EP US); **H01H 19/64** (2013.01 - EP US)

Citation (examination)

EP 0019141 A1 19801126 - GUMMERSBACH STARKSTROM [DE]

Cited by

FR2886047A1; EP2421016A1; EP0297055A1; WO2015161139A1; WO2015103447A1

Designated contracting state (EPC)

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EP 85113492 A 19851024; BR 8505341 A 19851025; DE 3567313 T 19851024; ES 289862 U 19851025; FR 8416446 A 19841026; JP 23923585 A 19851025; US 79059185 A 19851023