

Title (en)

Multipolar rotary switch, in particular a cam switch in the shape of stacked modules, and method for its production.

Title (de)

Multipolarer Drehschalter, insbesondere Nockenschalter, in Paketform und Verfahren zu seiner Herstellung.

Title (fr)

Commutateur rotatif multipolaire, en particulier commutateur à cames sous forme de galettes empilées, et procédé d'exécution de ce dernier.

Publication

EP 0245176 B1 19940112 (FR)

Application

EP 87401031 A 19870506

Priority

FR 8606525 A 19860506

Abstract (en)

[origin: WO8707075A1] The multipolar rotary switch, particularly a cam-type switch, is formed by a piling of slabs wherein the contact and connection elements are housed in chambers defined by extremity walls and intermediary walls. The extremity and intermediary walls are embodied by cast pieces (16) of thermoplastic material and which are mechanically assembled between each other and are rigidly interconnected. On the cast pieces (16) there are provided lugs (50) which, upon side-to-side assembly, go beyond laterally to the adjacent cast pieces and are inserted behind the projections (62). After nesting, the lugs (50) are welded to the side walls of the cast pieces (16) in order to obtain an assembly with a proper rigidity.

IPC 1-7

H01H 19/64

IPC 8 full level

H01H 19/04 (2006.01); **H01H 19/64** (2006.01)

CPC (source: EP US)

H01H 19/64 (2013.01 - EP US); **H01H 2229/042** (2013.01 - EP US)

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 0245176 A1 19871111; **EP 0245176 B1 19940112**; DE 3788746 D1 19940224; DE 3788746 T2 19940428; ES 2049731 T3 19940501; FR 2598553 A1 19871113; FR 2598553 B1 19940916; JP 2571806 B2 19970116; JP S63503257 A 19881124; US 4851620 A 19890725; WO 8707075 A1 19871119

DOCDB simple family (application)

EP 87401031 A 19870506; DE 3788746 T 19870506; ES 87401031 T 19870506; FR 8606525 A 19860506; FR 8700149 W 19870506; JP 50297887 A 19870506; US 15593487 A 19871231