

Title (en)
Combined push-to-activate and rotary switch.

Title (de)
Kombinierter Druckknopf- und Drehschalter.

Title (fr)
Commutateur combiné rotatif et à bouton-poussoir.

Publication
EP 0626705 A2 19941130 (EN)

Application
EP 94108247 A 19940527

Priority
US 6882893 A 19930528

Abstract (en)
A switch housing for plural switches is formed of thermoplastic molded in a first stage with grooves or recesses. In a second stage molding process, the grooves are filled with platable thermoplastic which is subsequently plated with copper, nickel, or silver to provide conductive strips and exposed contact areas. A common switch actuator is slidably and rotatably mounted on the housing. Upon pushing the actuator is latched to actuate a switch; and, upon subsequent pushing the actuator is unlatched and the switch de-actuated. Upon rotation of the actuators, independently of the push-to-actuate movement, a second rotary switch is actuated. Both switches employ the two-stage molding and plating for forming integrally with the housing and the stationary contacts.

IPC 1-7
H01H 11/06; **H01H 13/56**; **H01H 25/06**

IPC 8 full level
H01H 1/40 (2006.01); **H01H 13/56** (2006.01); **H01H 25/06** (2006.01); **H01H 11/04** (2006.01)

CPC (source: EP)
H01H 1/403 (2013.01); **H01H 13/562** (2013.01); **H01H 25/06** (2013.01); **H01H 11/04** (2013.01)

Cited by
DE10334080B3; US2012126640A1; US9175983B2

Designated contracting state (EPC)
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EP 0626705 A2 19941130; **EP 0626705 A3 19950118**

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