

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 A3 19950118 (EN)**

Application  
**EP 94108247 A 19940527**

Priority  
US 6882893 A 19930528

Abstract (en)  
[origin: EP0626705A2] 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)

Citation (search report)

- [A] DE 1813317 B2 19770901
- [A] DE 3342609 A1 19850605 - SWF AUTO ELECTRIC GMBH [DE]
- [A] DE 2816869 A1 19791031 - WIDMAIER FA HANS
- [A] DE 2755072 A1 19780706 - LUCAS INDUSTRIES LTD
- [XY] FR 1553129 A 19690110
- [YA] EP 0102332 A2 19840307 - SMEG ELETTRODOMESTICI [IT]
- [A] EP 0342031 A2 19891115 - UNITED TECHNOLOGIES AUTOMOTIVE [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 016, no. 200 (E - 1201) 13 May 1992 (1992-05-13)

Cited by  
DE10334080B3; US2012126640A1; US9175983B2

Designated contracting state (EPC)  
DE ES FR GB IT SE

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**EP 0626705 A2 19941130; EP 0626705 A3 19950118**

DOCDB simple family (application)  
**EP 94108247 A 19940527**