

Title (en)
MULTI-STAGE SWITCH

Title (de)
MEHRSTUFENSCHALTER

Title (fr)
INTERRUPTEUR A PLUSIEURS ETAGES

Publication
EP 0740844 B1 19970903 (DE)

Application
EP 95906250 A 19950117

Priority
• DE 9500068 W 19950117
• DE 4401314 A 19940119

Abstract (en)
[origin: US5796056A] PCT No. PCT/DE95/00068 Sec. 371 Date Sep. 12, 1996 Sec. 102(e) Date Sep. 12, 1996 PCT Filed Jan. 17, 1995 PCT Pub. No. WO95/20232 PCT Pub. Date Jul. 27, 1995A multi-stage switch with a common actuating element and at least two switch elements for making contact provides that the switch elements are disposed next to each other above contact elements of a circuit board which they bridge in the closed state. The actuating element for the switch is movably disposed above the switch elements in such a way that the switch elements respond sequentially when the actuating element is depressed. Such a multi-stage switch can be produced cost-effectively with simple structural means, can be universally used, is easy to operate, maintenance free to the greatest extent and operates dependably.

IPC 1-7
H01H 13/70; **H01H 13/64**

IPC 8 full level
H01H 13/64 (2006.01); **H01H 13/70** (2006.01); **H01H 13/702** (2006.01); **H01H 25/04** (2006.01); **H01H 23/00** (2006.01)

CPC (source: EP KR US)
H01H 13/64 (2013.01 - EP US); **H01H 13/70** (2013.01 - KR); **H01H 13/702** (2013.01 - EP US); **H01H 25/041** (2013.01 - EP US); **H01H 23/003** (2013.01 - EP US); **H01H 2221/016** (2013.01 - EP US); **H01H 2225/018** (2013.01 - EP US)

Designated contracting state (EPC)
AT CH DE FR GB LI

DOCDB simple family (publication)
US 5796056 A 19980818; AT E157809 T1 19970915; AU 1452595 A 19950808; AU 693150 B2 19980625; DE 4401314 A1 19950720; DE 4401314 C2 19980122; DE 59500608 D1 19971009; EP 0740844 A1 19961106; EP 0740844 B1 19970903; KR 970700925 A 19970212; WO 9520232 A1 19950727

DOCDB simple family (application)
US 67628896 A 19960912; AT 95906250 T 19950117; AU 1452595 A 19950117; DE 4401314 A 19940119; DE 59500608 T 19950117; DE 9500068 W 19950117; EP 95906250 A 19950117; KR 19960703910 A 19960719