

Title (en)
Switch unit

Title (de)
Schalteinheit

Title (fr)
Unité de commutation

Publication
EP 1770733 A1 20070404 (DE)

Application
EP 06010264 A 20050810

Priority
EP 05017414 A 20050810

Abstract (en)
The unit has a carrier (10), a mechanically operated switching bridge (102), and a rotary knob (94) comprising an axle (104) and a disk (106) that extends radially from the axle. A trip is provided at the disk and stays in effective connection with the bridge during the rotation of the knob for switching the bridge, where the switching path of the switching bridge is parallel to the axle of the knob. The switching bridge is arranged between the disk and the carrier that is fastened directly to a rear side of a control panel of a household appliance.

IPC 8 full level
H01H 21/24 (2006.01); **H01H 19/63** (2006.01)

CPC (source: EP)
H01H 13/14 (2013.01); **H01H 13/186** (2013.01); **H01H 19/63** (2013.01); **H01H 21/22** (2013.01); **H01H 21/24** (2013.01)

Citation (search report)

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- [X] US 4272658 A 19810609 - CROSBY JOHN B
- [X] DE 824511 C 19511213 - BUSCH JAEGER LUEDENSCHAEIDER M
- [X] US 4827241 A 19890502 - RISER WILLIAM M [US], et al
- [A] EP 0661908 A2 19950705 - SAMSUNG ELECTRONICS CO LTD [KR]

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US2017017267A1; US10401920B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1753001 A1 20070214; EP 1753001 B1 20071017; AT E376251 T1 20071115; DE 502005001750 D1 20071129; EP 1770733 A1 20070404

DOCDB simple family (application)
EP 05017414 A 20050810; AT 05017414 T 20050810; DE 502005001750 T 20050810; EP 06010264 A 20050810