

Title (en)
ROTARY KNOB FOR ELECTRICAL SYSTEM

Title (de)
DREHKNOPF FÜR EIN ELEKTRISCHES SYSTEM

Title (fr)
BOUTON ROTATIF POUR CIRCUIT ELECTRIQUE

Publication
EP 1747567 A1 20070131 (FR)

Application
EP 05717027 A 20050314

Priority
• EP 2005051144 W 20050314
• FR 0403265 A 20040330
• FR 0403266 A 20040330

Abstract (en)
[origin: WO2005106908A1] The invention concerns a rotary knob for an electrical system, whereof the body (10) contains a rotary maneuvering member (20) which actuates a cam-driving part (50) and bears one or several electrical units. A cup (15) is defined between an outer cylindrical flange (12) of the body (10) and an inner cylindrical sleeve (13) and contains a spring either of the helical type (R) for urging a sliding ring (30) separate from the driving part (50), or of the torsion type (R') to return the maneuvering member. The ring (30) provides a sensitivity function through its adapted shapes. The cylindrical sleeve (13) defines in its central opening a centering seat (23) of the shank (22) of the maneuvering member.

IPC 8 full level
H01H 19/63 (2006.01); **H01H 19/635** (2006.01); **H01H 11/00** (2006.01); **H01H 21/08** (2006.01); **H01H 21/50** (2006.01)

CPC (source: EP US)
H01H 19/6355 (2013.01 - EP US); **H01H 11/0006** (2013.01 - EP US); **H01H 21/08** (2013.01 - EP US); **H01H 21/50** (2013.01 - EP US); **Y10T 74/20636** (2015.01 - EP US); **Y10T 74/2084** (2015.01 - EP US); **Y10T 74/2107** (2015.01 - EP US)

Citation (search report)
See references of WO 2005106908A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005106908 A1 20051110; AT E376705 T1 20071115; AU 2005239054 A1 20051110; AU 2005239054 B2 20090625; BR PI0509519 A 20071218; BR PI0509519 B1 20170606; DE 602005003022 D1 20071206; DE 602005003022 T2 20080807; DK 1747567 T3 20080303; EP 1747567 A1 20070131; EP 1747567 B1 20071024; ES 2294689 T3 20080401; MX PA06011133 A 20070125; PL 1747567 T3 20080430; PT 1747567 E 20071123; US 2007199806 A1 20070830; US 7870810 B2 20110118

DOCDB simple family (application)
EP 2005051144 W 20050314; AT 05717027 T 20050314; AU 2005239054 A 20050314; BR PI0509519 A 20050314; DE 602005003022 T 20050314; DK 05717027 T 20050314; EP 05717027 A 20050314; ES 05717027 T 20050314; MX PA06011133 A 20050314; PL 05717027 T 20050314; PT 05717027 T 20050314; US 59433105 A 20050314