

Title (en)
Hinge with switch

Title (de)
Schaltscharnier

Title (fr)
Charnière avec interrupteur

Publication
EP 1239496 B1 20030409 (DE)

Application
EP 02002488 A 20020202

Priority
DE 20103850 U 20010306

Abstract (en)
[origin: EP1239496A1] A shaft periphery locates a switching groove extending in shaft axial direction, into which dips, in a preset swivel position between both hinge straps, an actuating pin coupled to switch lever, extending parallel to shaft (6) long axis. The lever is swivelable with respect to the shaft, in whose direction it is spring-loaded. It lies in region of a switch (4) cam or pin (11). In a preassembly position, in which the actuating pin (8) engages the switching groove (7), the shaft is secured against twist with respect to the first hinge strap (2), while the second hinge strap (5) is swivelable with respect to the shaft. The shaft is displaceable into operating position by an adapting screw (14) in first hinge strap.

IPC 1-7
H01H 3/16

IPC 8 full level
E05D 11/00 (2006.01); **H01H 3/16** (2006.01)

CPC (source: EP US)
E05D 11/00 (2013.01 - EP US); **H01H 3/162** (2013.01 - EP US); **E05D 11/0081** (2013.01 - EP US); **E05Y 2400/324** (2013.01 - EP US); **E05Y 2400/326** (2013.01 - EP US)

Cited by
DE102005046083B3; DE102006027585B4; DE102004041723B3; DE102005046082A1; EP1768143A3; US7507922B2; EP1635367A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
US 2002125116 A1 20020912; **US 6667449 B2 20031223**; AT E237183 T1 20030415; DE 20103850 U1 20010613; DE 50200002 D1 20030515; DK 1239496 T3 20030714; EP 1239496 A1 20020911; EP 1239496 B1 20030409; ES 2191654 T3 20030916

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US 8684302 A 20020304; AT 02002488 T 20020202; DE 20103850 U 20010306; DE 50200002 T 20020202; DK 02002488 T 20020202; EP 02002488 A 20020202; ES 02002488 T 20020202