

Title (en)
Hinge switch

Title (de)
Scharnierschalter

Title (fr)
Interrupteur de charnière

Publication
EP 1635367 B1 20071219 (DE)

Application
EP 05018628 A 20050826

Priority
DE 102004041723 A 20040828

Abstract (en)
[origin: EP1635367A1] The switch has a switch shaft (32) whose relative position to a hinge flank (12) defines a switching angle. A self-locking gear twists the switch shaft for adjusting the switching angle. A worm gear pair includes a worm gear that engages with a worm gear wheel. The worm gear pivots into a casing that is connected with a hinge flank (18), so that the gear wheel and the switch shaft are arranged coaxially to a bolt connecting the flanks.

IPC 8 full level
H01H 3/16 (2006.01)

CPC (source: EP)
H01H 3/162 (2013.01); **E05D 11/0081** (2013.01)

Cited by
US2015218864A1; US9394736B2; US2012005861A1; CN102312632A; US8245353B2; US9974398B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1635367 A1 20060315; EP 1635367 B1 20071219; DE 102004041723 B3 20060406; DE 502005002273 D1 20080131

DOCDB simple family (application)
EP 05018628 A 20050826; DE 102004041723 A 20040828; DE 502005002273 T 20050826