

Title (en)
Thumbwheel

Title (de)
Daumenrad

Title (fr)
Molette

Publication
EP 2282250 B1 20141008 (DE)

Application
EP 10008168 A 20100805

Priority
DE 102009036318 A 20090806

Abstract (en)
[origin: DE102009036318A1] The switch has a control unit accomplishing a rotary motion around a limited angle and directly actuated by a solid body outside the switch. The control unit is illuminated in different colors based on positions using a LED (8). A light guide (6) is formed by a carrier housing (4), where the carrier housing is made of transparent thermoplastic material. A hand wheel (5) is arranged on a supporting axle (15) of the carrier housing. A return spring (10) is provided for resetting the hand wheel in a rest position between the carrier housing and the hand wheel.

IPC 8 full level
G05G 1/10 (2006.01); **G05G 5/05** (2006.01); **G05G 25/04** (2006.01); **H01H 9/16** (2006.01); **H01H 9/18** (2006.01); **H01H 23/02** (2006.01); **H01H 23/06** (2006.01)

CPC (source: EP US)
G05G 1/105 (2013.01 - EP US); **G05G 5/05** (2013.01 - EP US); **G05G 25/04** (2013.01 - EP US); **H01H 9/161** (2013.01 - EP US); **H01H 9/182** (2013.01 - EP US); **H01H 23/025** (2013.01 - EP US); **H01H 23/06** (2013.01 - EP US)

Cited by
EP3168854A1; EP3174081A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 102009036318 A1 20100812; EP 2282250 A1 20110209; EP 2282250 B1 20141008; US 2011032058 A1 20110210; US 8367956 B2 20130205

DOCDB simple family (application)
DE 102009036318 A 20090806; EP 10008168 A 20100805; US 82887310 A 20100701