

Title (en)
Multi-function electrical input device

Title (de)
Multifunktionsschalter

Title (fr)
Commutateur multi-fonctions

Publication
EP 2093785 B1 20131030 (DE)

Application
EP 08003224 A 20080222

Priority
EP 08003224 A 20080222

Abstract (en)
[origin: EP2093785A1] The switch has an actuating element (1) i.e. press or rotary button, that is supported in a twistable manner. Four press switches (21-24) are attached to the actuating element for electrical switching functions. The switches are arranged together in a crosswise manner and coupled with an evaluation unit and connecting contacts, where the evaluation unit is arranged outside the switch. Eight switching functions are assigned to the press switches in star shaped rotatable switching positions of the actuating element. Light source designed of LED, is arranged on a printed circuit board (4). The press or rotary button is coupled with a fork light barrier (15) designed as a ring made of ferromagnetic material.

IPC 8 full level
H01H 25/04 (2006.01); **G05G 9/047** (2006.01)

CPC (source: EP)
H01H 25/041 (2013.01); **G05G 2009/04718** (2013.01); **G05G 2009/04744** (2013.01); **G05G 2009/04755** (2013.01); **G05G 2009/04759** (2013.01); **G05G 2009/04766** (2013.01); **G05G 2009/04777** (2013.01); **G05G 2009/04781** (2013.01); **H01H 2025/043** (2013.01); **H01H 2025/046** (2013.01); **H01H 2025/048** (2013.01)

Cited by
DE102018120562B4; JP2016225239A; CN102770931A; CN102637546A; CN110931301A; US2015094665A1; US9352083B2; DE102018120562A1; CN110187735A; US9711305B2; WO2022166787A1

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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