

Title (en)
Electrical joystick

Title (de)
Elektrischer Steuerknüppel

Title (fr)
Manette de commande électrique

Publication
EP 1621954 B1 20110720 (DE)

Application
EP 05016255 A 20050727

Priority
DE 102004036574 A 20040728

Abstract (en)
[origin: EP1621954A1] The operating knob (2) is swung using the pivot (3) in one or more preferred directions. The pivoting and/or sliding (5) units work with a component (7, 8) producing tactile sensation. The switch (1) casing (16) has upper and lower parts (9, 10). The knob (2) projects out from the casing. The knob can also be rotated, with further provision to generate tactile sensations.

IPC 8 full level
G05G 9/047 (2006.01); **G05G 5/06** (2006.01)

CPC (source: EP)
G05G 5/06 (2013.01); **G05G 9/047** (2013.01); **G05G 9/04792** (2013.01); **G05G 9/04796** (2013.01); **H01H 25/04** (2013.01); **G05G 2009/04707** (2013.01); **G05G 2009/04759** (2013.01); **G05G 2009/04766** (2013.01); **G05G 2009/04777** (2013.01); **G05G 2009/04777** (2013.01); **G05G 2009/04781** (2013.01); **H01H 2025/043** (2013.01); **H01H 2025/048** (2013.01)

Cited by
DE102007027312A1; EP2261765A3; DE102006023534A1; EP2439606A1; CN107300946A; DE102016212542A1; DE102016212542B4; US11696633B1; US8586885B2; US11500475B2; US11281308B2; US11194358B2; US11599107B2; US11644859B2; US11662835B1

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 LV MC NL PL PT RO SE SI SK TR

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EP 1621954 A1 20060201; EP 1621954 B1 20110720; AT E517382 T1 20110815; DE 102005035526 A1 20060323; ES 2368552 T3 20111118

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