

Title (en)

Optical joystick

Title (de)

Optischer Joystick

Title (fr)

Joystick optique

Publication

EP 1696300 A1 20060830 (DE)

Application

EP 05004134 A 20050225

Priority

EP 05004134 A 20050225

Abstract (en)

Optical joystick has a radiation device including a radiation source (2) attached to a lever (1), and a number of radiation sensors (3). The radiation device produces a cone of rays (7), which are moveable by the movement of the lever relative to the radiation sensors. The radiation sensors are used for deriving binary signals, which indicate the position of the lever with respect to the radiation sensors. The radiation source and the radiation sensors are supplied with only one power supply. An independent claim is also included for a method of determining a position of a lever with respect to radiation sensors in a joystick.

IPC 8 full level

G05G 9/047 (2006.01)

CPC (source: EP)

G05G 9/047 (2013.01); **G05G 2009/04759** (2013.01)

Citation (applicant)

GB 2334573 A 19990825 - PENNY & GILES COMPUTER PRODUCT [GB]

Citation (search report)

- [X] US 6342879 B1 20020129 - HANTOM ANDREW [GB]
- [X] EP 0295368 A2 19881221 - IBM [US]
- [X] US 5724558 A 19980303 - SVANCAREK MARK K [US], et al
- [X] US 5694153 A 19971202 - AOYAGI TETSUJI [JP], et al
- [A] US 5543590 A 19960806 - GILLESPIE DAVID [US], et al
- [A] EP 1283495 A2 20030212 - WACOM CO LTD [JP]
- [A] DE 10139878 A1 20030306 - UHLMANN ECKART [DE], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 018, no. 405 (P - 1778) 28 July 1994 (1994-07-28)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 11 28 November 1997 (1997-11-28)

Cited by

AT517676A1; AT517676B1; EP3417918A1; US10596461B2; WO2010118450A1; US8902197B2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1696300 A1 20060830

DOCDB simple family (application)

EP 05004134 A 20050225