

Title (en)  
Multifunctional joystick

Title (de)  
Multifunktionales Bedienelement

Title (fr)  
Manette de commande multifonctionnelle

Publication  
**EP 0903658 B1 20080109 (DE)**

Application  
**EP 98105702 A 19980328**

Priority  
DE 19741560 A 19970920

Abstract (en)  
[origin: EP0903658A2] An operating head (5) is supported by a guide block (15) coupled to a front plate (10) and connected via an axis (25) with a socket plate (20) on the opposite side of the guide block. The end of the axis is supported in a pivot bearing (35) and the socket plate is pivoted by the operating head for operating circuit board contacts.

IPC 8 full level  
**G05G 9/047** (2006.01); **H01H 3/02** (2006.01); **G06F 3/05** (2006.01); **H01H 25/04** (2006.01); **H05K 1/18** (2006.01)

CPC (source: EP)  
**G05G 9/047** (2013.01); **G05G 2009/04711** (2013.01); **G05G 2009/04744** (2013.01)

Cited by  
EP1215556A3

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0903658 A2 19990324; EP 0903658 A3 20030514; EP 0903658 B1 20080109**; DE 19741560 A1 19990325; DE 59814150 D1 20080221; DE 59814399 D1 20091112; EP 1912106 A1 20080416; EP 1912106 B1 20090930; ES 2296319 T3 20080416; ES 2331211 T3 20091223; JP H11162299 A 19990618

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