

Title (en)
Multidirectional lever switch device

Title (de)
Mehrrichtungs-Hebelschaltgerät

Title (fr)
Dispositif de commutation multidirectionnel à levier

Publication
EP 0691666 A1 19960110 (EN)

Application
EP 95107748 A 19950519

Priority
• JP 17611594 A 19940704
• JP 23434094 A 19940902

Abstract (en)
A recess portion 14a is formed in the underside of the flange 14 of a tilting holder 13 at a position corresponding to, for example, an "upper right" select switch 4. As a result, the operating pin 10 of the "upper right" select switch 4 has a fixed gap with the flange 14. Consequently, the operating pin 10 of the "upper right" select switch is pressed when an operating lever 15 is tilted. However, the operating range B of, for example, the "upper right" select switch 4 is set narrower than the operating range A of, for example, the "upper" select switch 4 since the pressing of the operating pin 10 of, for example, the "upper right" select switch 4 is delayed by the gap resulting from the recess portion 14a. <MATH>

IPC 1-7
H01H 25/04

IPC 8 full level
G05G 9/047 (2006.01); **H01H 25/00** (2006.01); **H01H 25/04** (2006.01)

CPC (source: EP)
G05G 9/047 (2013.01); **H01H 25/008** (2013.01); **H01H 25/041** (2013.01)

Citation (applicant)
JP S61201244 U 19861217

Citation (search report)
• [XAY] GB 2145502 A 19850327 - BURGESS MICRO SWITCH CO LTD
• [XA] US 4052578 A 19771004 - HOKE WILLIAM A
• [XA] DE 1268251 B 19680516 - SIEMENS AG
• [A] DE 9201236 U1 19920319
• [YA] BARRAT ET AL: "JOYSTICK CONTROLLER FOR PAGER APPLICATIONS", MOTOROLA TECHNICAL DEVELOPMENTS, vol. 21, SCHAUMBURG, ILLINOIS US, pages 118 - 119

Cited by
EP2017864A1; US5744765A; EP1058177A1; DE19853438B4; DE102004032335B4; US6589118B1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0691666 A1 19960110; **EP 0691666 B1 19990331**; DE 69508662 D1 19990506; DE 69508662 T2 19991125

DOCDB simple family (application)
EP 95107748 A 19950519; DE 69508662 T 19950519