

Title (en)

UNIVERSAL JOYSTICK TO CONTROL AN IMAGE ON A VISUAL DISPLAY UNIT, PARTICULARLY FOR VIDEO GAMES

Publication

EP 0152380 A3 19851030 (FR)

Application

EP 85830002 A 19850104

Priority

IT 330484 A 19840110

Abstract (en)

[origin: EP0152380A2] The device includes a control lever (1) and push-button for moving a figure on a video screen. The linear movements of the lever are slowed down by a double effect oil damper (7). Since the oil damper limits the speed at which the lever may be moved, there is a proportional relationship between the force applied by the operator, and the speed at which the figure moves across the screen. The lever moves in a cardan joint (4) allowing movement in two perpendicular directions - with an inductive system providing the electronic control. A toothed wheel in the housing of the control allows the figure to be rotated on the screen.

IPC 1-7

H01H 25/04; **G06K 11/06**

IPC 8 full level

G05G 9/047 (2006.01); **H01H 25/06** (2006.01)

CPC (source: EP)

G05G 9/04785 (2013.01); **G05G 2009/04718** (2013.01); **G05G 2009/04751** (2013.01); **H01H 25/06** (2013.01)

Citation (search report)

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- [A] EP 0006008 A2 19791212 - LEDEX INC [US]
- [A] US 3308675 A 19670314 - MATTIAS JONSSON OLOV
- [A] WO 8203712 A1 19821028 - AMPEX [US], et al
- [XP] PATENTS ABSTRACTS OF JAPAN, vol. 8, no. 60 (P-262)[1497], 22 mars 1984; & JP - A - 58 211 235 (KOGYO GIJUTSUIN ĀJAPANŪ) 08-12-1983
- [A] PATENTS ABSTRACTS OF JAPAN, vol. 7, no. 245 (P-233)[1390], 29 octobre 1983; & JP - A - 58 129 643 (HITACHI SEISAKUSHO K.K.) 02-08-1983

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EP0444260A3; US4689449A

Designated contracting state (EPC)

AT CH DE FR GB LI

DOCDB simple family (publication)

EP 0152380 A2 19850821; **EP 0152380 A3 19851030**; IT 1179251 B 19870916; IT 8403304 A0 19840110

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