

Title (en)

Device for controlling machines and vehicles

Title (de)

Vorrichtung zum Steuern von Maschinen und Fahrzeugen

Title (fr)

Dispositif de commande de machines et de véhicules

Publication

EP 2196888 A3 20110112 (DE)

Application

EP 09014321 A 20091117

Priority

DE 102008063238 A 20081215

Abstract (en)

[origin: EP2196888A2] The control device (10) has an operating lever (11) and a stationary console (12). The mechanical devices (36,37) are assigned to the operating lever with force variation points or areas for each oscillatory moving direction. The mechanical devices are arranged between the console and the cross clamps (21,22) above an assembly plane (13). The cutting axes (18,19) run below the assembly plane of the console for the cross clamps.

IPC 8 full level

G05G 9/047 (2006.01); **G05G 25/02** (2006.01)

CPC (source: EP US)

G05G 9/047 (2013.01 - EP US); **G05G 25/02** (2013.01 - EP US); **G05G 2009/04718** (2013.01 - EP US); **G05G 2009/04766** (2013.01 - EP US); **Y10T 74/20396** (2015.01 - EP US)

Citation (search report)

- [XDY] DE 10345397 A1 20040415 - PARKER HANNIFIN AB BORAS [SE]
- [X] EP 1180736 A1 20020220 - ALPS ELECTRIC CO LTD [JP]
- [Y] US 2006073762 A1 20060406 - ARAI MASAHIRO [JP], et al
- [A] US 2379778 A 19450703

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2196888 A2 20100616; EP 2196888 A3 20110112; EP 2196888 B1 20120404; AT E552548 T1 20120415; DE 102008063238 A1 20100617; US 2010147099 A1 20100617

DOCDB simple family (application)

EP 09014321 A 20091117; AT 09014321 T 20091117; DE 102008063238 A 20081215; US 63846709 A 20091215