

Title (en)
Joystick for the execution of controls on operating machines

Title (de)
Joystick zur Ausführung von Steuerungen von Betriebsmaschinen

Title (fr)
Joystick pour exécuter des commandes de machines en marche

Publication
EP 2381331 B1 20161207 (EN)

Application
EP 11162778 A 20110418

Priority
IT TO20100336 A 20100421

Abstract (en)
[origin: EP2381331A1] Joystick (10) for the execution of controls on operating machines equipped with a safety system, including at least one area (11), and comprising at least one sensor (13) adapted for detecting the presence of the operator's hand on such a joystick (10). Said sensor (13) and a special enabling button (12) being electronically connected to a control device of the joystick, in which such a control device, if it receives the signal of detection of the operator's hand by the sensor (13) and the button (12) is intentionally pressed, by the operator, allows said commands to be executed and allows the pressing of the button (12) to be released, maintaining the possibility of executing such commands.

IPC 8 full level
G05G 9/047 (2006.01); **G05G 5/00** (2006.01)

CPC (source: EP)
G05G 5/005 (2013.01); **G05G 2009/04774** (2013.01)

Citation (opposition)
Opponent : elobau GmbH & Co. KG
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• US 2008250889 A1 20081016 - MACK FRANZ [DE]
• US 2007164969 A1 20070719 - KIM MYEONG-SU [KR]
• US 6178841 B1 20010130 - RUCKERT DIETER [DE], et al
• US 4520894 A 19850604 - HENSLER DAVID L [US]
• US 2008311993 A1 20081218 - BEUTLER DETLEF [DE], et al
• US 6590171 B1 20030708 - WOLF RICHARD J [US], et al

Cited by
CN108021240A; GB2526997A; GB2526997B; US11828043B2; WO2014167287A3; WO2022139983A1; WO2024082062A1

Designated contracting state (EPC)
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