

Title (en)

Control panel with a thumb controlled joystick for an industrial truck

Title (de)

Bedienpult mit Daumenjoystick für ein Flurförderzeug

Title (fr)

Panneau de commande pour un chariot de manutention avec une commande pour le pouce du type joystick

Publication

EP 1775254 A3 20080910 (DE)

Application

EP 06020859 A 20061004

Priority

DE 102005049100 A 20051013

Abstract (en)

[origin: EP1775254A2] The panel has an operating unit (1) for controlling a load handling function of an industrial truck. The operating unit is designed as a thumb controlled joystick in such a manner that the operating unit is rotatable around two axes (10, 11) by an operating person with a thumb, where each of the axes is assigned to the function. The operating unit has a concave contact surface (1a) for the thumb of a hand of the person. The surface has ridges (1b) that are arranged in such a manner that each of the ridges indicates a direction for rotating movement of the operating unit.

IPC 8 full level

B66F 9/20 (2006.01)

CPC (source: EP)

B66F 9/20 (2013.01)

Citation (search report)

- [X] EP 1350668 A2 20031008 - TOYOTA JIDOSHOKKI KK [JP]
- [X] EP 1350669 A2 20031008 - TOYOTA JIDOSHOKKI KK [JP]
- [Y] DE 4215547 A1 19931118 - WAGNER FOERDERTECHNIK [DE]
- [Y] US 2003038781 A1 20030227 - HSU WEI [TW]
- [Y] EP 1273990 A2 20030108 - MATSUSHITA ELECTRIC IND CO LTD [JP]

Cited by

WO2017177113A1; CN109074116A; AU2017248312B2; EP3440526A4; US10053346B2; DE102009006137A1; US10906790B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1775254 A2 20070418; EP 1775254 A3 20080910; EP 1775254 B1 20110323; DE 102005049100 A1 20070419;
DE 502006009144 D1 20110505

DOCDB simple family (application)

EP 06020859 A 20061004; DE 102005049100 A 20051013; DE 502006009144 T 20061004