

Title (en)

Control device, in particular for a handling machine

Title (de)

Steuervorrichtung, insbesondere für Fördermaschine

Title (fr)

Dispositif de commande, notamment pour machine de manutention

Publication

**EP 1829812 A3 20090401 (FR)**

Application

**EP 07290270 A 20070302**

Priority

FR 0601930 A 20060303

Abstract (en)

[origin: EP1829812A2] The device has a management calculator (1) and a safety calculator (2) for calculating embarked load and defining operating chart from the calculated load. The calculators are connected by a communication bus (3) e.g. controller area network (CAN) bus and ensure functioning of a handling machine. Sensors provide signals permitting to determine configuration and geometry of the machine, where the configuration is a static configuration or up and down movement configurations.

IPC 8 full level

**B66C 23/90** (2006.01)

CPC (source: EP)

**B66F 11/046** (2013.01); **B66F 17/006** (2013.01)

Citation (search report)

- [XA] DE 19612423 A1 19971002 - SIEMENS AG [DE]
- [XA] EP 1378483 A1 20040107 - JLG IND INC [US]
- [XA] JP 2000143172 A 20000523 - YUTANI JUKO KK

Cited by

CN104058336A; EP2301884A1; FR2950618A1; US9932213B2; US9079756B2

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1829812 A2 20070905**; **EP 1829812 A3 20090401**; **EP 1829812 B1 20131113**; FR 2898120 A1 20070907; FR 2898120 B1 20080502

DOCDB simple family (application)

**EP 07290270 A 20070302**; FR 0601930 A 20060303