

Title (en)

Handling device for objects to be moved in space

Title (de)

Handhabungsvorrichtung zum räumlichen Bewegen von Objekten

Title (fr)

Dispositif de manutention pour le déplacement spatial des objets

Publication

EP 2762436 B1 20160113 (EN)

Application

EP 14153749 A 20140204

Priority

IT VR20130011 A 20130118

Abstract (en)

[origin: EP2762436A1] A handling device (1) for objects to be moved in space, comprising a balancing actuator (11) connected between a supporting base (2) and an arm (5) and designed to balance the weight at least of a loading portion (8) connected to the arm (5) in such a way as to keep the loading portion (8) suspended in space. The handling device (1) also comprises movement aid means (14) acting on the mechanical arm (5) and designed to move the mechanical arm (5) relative to the base along a line of movement (6). Said handling device (1) also comprises a control unit (16) which can be operated by the operator and is operatively connected to the movement aid means (14) for operating said movement aid means (14) on command.

IPC 8 full level

B66C 23/00 (2006.01); **B25H 1/00** (2006.01)

CPC (source: EP)

B66C 23/005 (2013.01)

Cited by

ITUB20159295A1; ITUB20160948A1; IT201600107861A1; ITUB20153443A1; WO2021063868A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2762436 A1 20140806; EP 2762436 B1 20160113; ES 2563302 T3 20160314; IT VR20130011 A1 20140719

DOCDB simple family (application)

EP 14153749 A 20140204; ES 14153749 T 20140204; IT VR20130011 A 20130118