

Title (en)

Lifting device, in particular lift or pneumatic platform

Title (de)

Hebevorrichtung, insbesondere Aufzug oder Hebebühne

Title (fr)

Dispositif de levage, notamment ascenseur ou élévateur

Publication

EP 2147884 B1 20120418 (DE)

Application

EP 09009487 A 20090722

Priority

DE 102008034426 A 20080723

Abstract (en)

[origin: EP2147884A1] The device has a drive unit comprising a drive element that consists of drive motors (14) and a drive shaft (11). A gear reduction unit i.e. traction unit drive, has bearing units (4) for bearing of an output shaft (3), where the bearing units are arranged on both sides of output elements i.e. traction sheaves (20). A supporting device i.e. screw (30) is provided for supporting of the drive shaft and/or output shafts between two bearing devices i.e. support bearing (12) of the drive unit and/or between the two bearing units of the gear reduction unit, during mounting and demounting phase. An independent claim is also included for a method for mounting or demounting or maintaining a lifting device.

IPC 8 full level

B66B 11/04 (2006.01); **B66B 5/00** (2006.01)

CPC (source: EP)

B66B 5/0087 (2013.01); **B66B 11/0476** (2013.01); **B66B 19/007** (2013.01)

Cited by

US10252888B2; EP2810911A1; WO2014195573A3; WO2017191153A1

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

DOCDB simple family (publication)

EP 2147884 A1 20100127; **EP 2147884 B1 20120418**; AT E554042 T1 20120515; DE 102009034468 A1 20100218; EP 2460755 A1 20120606; EP 2460755 A8 20120815; EP 2460755 B1 20150318; PL 2147884 T3 20121130; PL 2460755 T3 20151030

DOCDB simple family (application)

EP 09009487 A 20090722; AT 09009487 T 20090722; DE 102009034468 A 20090722; EP 12001004 A 20090722; PL 09009487 T 20090722; PL 12001004 T 20090722