

Title (en)

LIFTING DEVICE AND METHOD FOR TESTING AND MONITORING SUCH A LIFTING DEVICE

Title (de)

HEBEVORRICHTUNG UND VERFAHREN ZUM PRÜFEN UND ÜBERWACHEN EINER SOLCHEN HEBEVORRICHTUNG

Title (fr)

DISPOSITIF DE LEVAGE ET PROCÉDÉ POUR TESTER ET CONTRÔLER DE TELS DISPOSITIFS DE LEVAGE

Publication

EP 2509908 B1 20140423 (DE)

Application

EP 10787278 A 20101122

Priority

- DE 102009057503 A 20091210
- DE 102010023436 A 20100611
- EP 2010007059 W 20101122

Abstract (en)

[origin: WO2011069599A1] The invention relates to a lifting device for raising and lowering loads and to a method for testing and monitoring the lifting device (11), comprising a lifting unit (14) and a support (16) guided by the lifting unit (14), on which support a load-accommodating means (17) can be arranged, a drive unit (25), which moves the load-accommodating means (17) up and down, at least one energy store (29), which supplies at least the drive controller (25) with energy, a charging unit (36) for the at least one energy store (39), at least one actuator (23, 31) and/or at least one sensor (30), by means of which at least one stroke motion of the load-accommodating means (17) can be monitored, and at least one indicating device (49), which indicates at least individual operating states of the lifting device, wherein a drive controller (25) has a control circuit board (33), to which connections (41, 43, 46, 48) of the at least one energy store (29), of the charging unit (36), of the drive unit (15), which comprises at least one actuator (24, 31) and/or at least one sensor (30), and/or of the at least one indicating device (49) can be connected.

IPC 8 full level

B66F 3/25 (2006.01); **B66F 3/46** (2006.01)

CPC (source: EP US)

B66F 3/25 (2013.01 - EP US); **B66F 3/46** (2013.01 - EP US)

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)

WO 2011069599 A1 20110616; WO 2011069599 A8 20110818; BR 112012013774 A2 20160426; BR 112012013774 B1 20200908; CN 102652105 A 20120829; CN 102652105 B 20150513; EP 2509908 A1 20121017; EP 2509908 B1 20140423; US 2013001486 A1 20130103; US 9061872 B2 20150623

DOCDB simple family (application)

EP 2010007059 W 20101122; BR 112012013774 A 20101122; CN 201080056113 A 20101122; EP 10787278 A 20101122; US 201013515136 A 20101122