

Title (en)
Hoisting gear and method for using the hoisting gear

Title (de)
Hubwerk und Verfahren zum Betrieb des Hubwerks

Title (fr)
Dispositif de levage et procédé d'utiliser ce dispositif

Publication
EP 1661845 B1 20120321 (DE)

Application
EP 05025730 A 20051125

Priority
• DE 102004057039 A 20041125
• DE 102004062515 A 20041224
• DE 102005027337 A 20050613

Abstract (en)
[origin: EP1661845A1] Lifting gear arrangement comprises a unit (13) detachably arranged between a motor (1) and a cable drum (9). An independent claim is also included for a method for operating the lifting gear arrangement. Preferred Features: The unit (13) is formed as a coupling for completely or partially separating the connection. A movement or rotation sensor is arranged on the side of the motor and on the side of the cable drum and a control unit compares the movement.

IPC 8 full level
B66D 1/58 (2006.01); **B66C 23/90** (2006.01)

CPC (source: EP KR US)
B66C 23/90 (2013.01 - KR); **B66D 1/58** (2013.01 - EP KR US)

Cited by
CN104118806A; DE102006003832A1; DE102006003832B4; CN107311064A; EP4289779A1; DE102015100181B4; JP2018501169A; JP2019202891A; WO2014187578A1; WO2016110333A1; DE102015100181A1; US10112811B2; US7896315B2; US10759638B2

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

DOCDB simple family (publication)
EP 1661845 A1 20060531; EP 1661845 B1 20120321; AT E550287 T1 20120415; CA 2588461 A1 20060601; CA 2588461 C 20140826; CN 101102958 A 20080109; CN 101102958 B 20110511; DE 112005003429 A5 20071031; ES 2383899 T3 20120627; HK 1108679 A1 20080516; KR 101283328 B1 20130715; KR 20070094734 A 20070921; US 2008140289 A1 20080612; US 7970520 B2 20110628; WO 2006056193 A1 20060601; WO 2006056193 B1 20061102

DOCDB simple family (application)
EP 05025730 A 20051125; AT 05025730 T 20051125; CA 2588461 A 20051125; CN 200580046734 A 20051125; DE 112005003429 T 20051125; DE 2005002134 W 20051125; ES 05025730 T 20051125; HK 08102738 A 20080310; KR 20077011112 A 20051125; US 79158005 A 20051125