

Title (en)
LOAD MEASUREMENT ON THE LOAD RECEIVER OF HOISTING DEVICES

Title (de)
LASTMESSUNG AM LASTAUFNEHMER VON HEBEZEUGEN

Title (fr)
MESURE DE CHARGE SUR L'ORGANE PORTE-CHARGE D'ENGINS DE LEVAGE

Publication
EP 2751010 A1 20140709 (DE)

Application
EP 12756156 A 20120830

Priority
• DE 102011111517 A 20110831
• EP 2012066851 W 20120830

Abstract (en)
[origin: CA2846266A1] Device for determining the force of an operational arrangement acting on a load receiver, wherein the load receiver is arranged movably relative to a component of the operational arrangement, wherein sensor means are provided, determining the force acting on the load receiver, wherein transmission means are provided, which wirelessly transmit a signal representing the force generated and emitted by the sensor means to a control device of the operational arrangement, and wherein energy supply means providing the power supply at least for the sensor means and/or for the transmission means are provided on the load receiver.

IPC 8 full level
B66C 1/40 (2006.01); **B66C 13/16** (2006.01); **B66C 13/44** (2006.01); **G01G 3/13** (2006.01); **G01G 19/18** (2006.01); **G01L 1/16** (2006.01)

CPC (source: EP US)
B66C 1/40 (2013.01 - EP US); **B66C 13/16** (2013.01 - EP US); **B66C 13/44** (2013.01 - EP US); **G01L 1/22** (2013.01 - US); **B66F 2700/00** (2013.01 - US); **G01G 19/18** (2013.01 - US)

Citation (search report)
See references of WO 2013030269A1

Citation (examination)
• DE 2950891 A1 19810625 - LICENTIA GMBH [DE]
• US 2010332157 A1 20101230 - FRIEDT JEAN-MICHEL [FR]

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)
DE 102012215391 A1 20130228; BR 112014003862 A2 20170314; CA 2846266 A1 20130307; CN 103764539 A 20140430; EP 2751010 A1 20140709; RU 2014110527 A 20151010; US 2014216171 A1 20140807; US 9274011 B2 20160301; WO 2013030269 A1 20130307

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