Title (en)

CRANE COMPRISING A CRANE CANTILEVER ARM, WHEREIN THE CURRENT IS SUPPLIED TO THE LOAD HOOK AND CRANE TROLLEY VIA A ROPE TRANSMITTING TRACTIVE FORCES

Title (de)

KRAN MIT EINEM KRANAUSLEGER, WOBEI DIE STROMZUFÜHRUNG ZUM LASTHAKEN UND LAUFKATZE ÜBER EIN ZUGKRÄFTE ÜBERTRAGENDES SEIL ERFOLGT

Title (fr)

GRUE COMPRENANT UNE FLÈCHE, L'ALIMENTATION ÉLECTRIQUE DU CROCHET DE CHARGE ET DU CHARIOT ROULANT S'EFFECTUANT PAR L'INTERMÉDIAIRE D'UN CÂBLE TRANSMETTANT DES FORCES DE TRACTION

Publication

EP 2984021 A1 20160217 (DE)

Application

EP 14711159 A 20140318

Priority

- DE 102013006108 A 20130409
- EP 2014000734 W 20140318

Abstract (en)

[origin: WO2014166582A1] The invention relates to a crane, in particular a rotating tower crane, comprising a crane cantilever arm, from which a load hook can be lifted or lowered via a hoist rope and an electric power supply to the load hook and/or a crane trolley that may be provided and that is movable on the crane cantilever arm. According to the invention, the electric power is supplied to the load hook and/or to the crane trolley at least in part via a rope which is running and in the crane operation transmitting intended tractive forces.

IPC 8 full level

B66C 13/12 (2006.01); **B66C 1/34** (2006.01); **B66C 11/16** (2006.01); **B66C 23/26** (2006.01); **H01B 7/04** (2006.01)

CPC (source: EP US)

B66C 1/34 (2013.01 - EP US); **B66C 11/16** (2013.01 - EP US); **B66C 13/12** (2013.01 - EP US); **B66C 13/18** (2013.01 - US); **B66C 23/26** (2013.01 - EP US); **D07B 1/147** (2013.01 - EP US); D07B 2501/2015 (2013.01 - EP US)

Citation (search report)

See references of WO 2014166582A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102013006108 A1 20141009; CN 105121326 A 20151202; CN 105121326 B 20180223; DK 2984021 T3 20170828; DK 3178772 T3 20181217; EP 2984021 A1 20160217; EP 2984021 B1 20170503; EP 3178772 A1 20170614; EP 3178772 B1 20181017; ES 2635347 T3 20171003; ES 2705158 T3 20190322; SA 515361279 B1 20201001; US 10087051 B2 20181002; US 2016083229 A1 20160324; WO 2014166582 A1 20141016

DOCDB simple family (application)

DE 102013006108 A 20130409; CN 201480020335 A 20140318; DK 14711159 T 20140318; DK 17154763 T 20140318; EP 14711159 A 20140318; EP 17154763 A 20140318; EP 2014000734 W 20140318; ES 14711159 T 20140318; ES 17154763 T 20140318; SA 515361279 A 20151008; US 201414783673 A 20140318