

Title (en)

Method and device for positioning a suspended crane load

Title (de)

Verfahren und Vorrichtung zur Positionierung einer hängenden Kranlast

Title (fr)

Procédé et dispositif de positionnement d'une charge de grue suspendue

Publication

EP 2465807 B1 20160525 (DE)

Application

EP 11008120 A 20111007

Priority

DE 102010054502 A 20101214

Abstract (en)

[origin: EP2465807A1] The method involves adjusting a rotational angle of a crane load (2) by manual presetting of a rotational speed reference value for a rotary mechanism (11) arranged between the crane load and a cable suspension (10) of a crane (5). The rotary mechanism is regulated with the variation of the rotational angle of the crane load based on the angular position of the rotary mechanism, an absolute rotational angle of an upper part (12a) of a load carrying device (4) and a vertical distance between a crane jack (6) and the upper part. An independent claim is also included for a device for positioning a crane load hanging at a cable suspension of a crane in a direction of rotation around a vertical axis of a cable suspension.

IPC 8 full level

B66C 13/06 (2006.01); **B66C 13/08** (2006.01)

CPC (source: EP)

B66C 13/063 (2013.01); **B66C 13/085** (2013.01)

Citation (examination)

- DE 69000566 T2 19930603 - POTAIN ECULLY [FR]
- JP H08319084 A 19961203 - HITACHI KIDEN KOGYO KK
- JP 2001322796 A 20011120 - MITSUBISHI HEAVY IND LTD

Cited by

CN105947897A; CN104671090A; GB2544513A; GB2544513B; EP3566999A1; CN110435206A

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)

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