

Title (en)

Method and device for the control of the load for a crane with foldable boom

Title (de)

Verfahren und Vorrichtung zur Steuerung der Last eines Drehkranes mit ausklappbarem Ausleger

Title (fr)

Procédé et dispositif de contrôle de la charge d'une grue à tour à flèche relevable

Publication

**EP 1775252 B1 20110907 (FR)**

Application

**EP 06356068 A 20060614**

Priority

FR 0508253 A 20050802

Abstract (en)

[origin: FR2889513A1] The method involves alternatively using two separated load curves (B, C) depending on the radius (P) of a luffing jib tower crane as a result of the position of a jib of the crane. The curve (B) is used between the minimum radius (Pm) and an intermediate radius (PO). The curve (C) is used between the intermediate radius and the maximum radius (PM) corresponding to a greater load moment. The curve (C) is obtained by homothetic transformation of the curve (B). An independent claim is also included for a device for controlling the load of a luffing jib tower crane.

IPC 8 full level

**B66C 23/90** (2006.01)

CPC (source: EP)

**B66C 23/905** (2013.01)

Cited by

FR3037681A1; KR20180019537A; CN102167259A; EP4116251A1; FR3125032A1; US11999598B2; US11148914B2; WO2016203165A1

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