

Title (en)

Method and device for the assembly of a crane with a lifting jib

Title (de)

Verfahren und Vorrichtung zur Montage eines Krans mit anhebbarem Ausleger

Title (fr)

Procédé et dispositif de montage d'une grue à flèche relevable

Publication

EP 1780165 A1 20070502 (FR)

Application

EP 06356102 A 20060830

Priority

FR 0510954 A 20051026

Abstract (en)

The method involves using an auxiliary hoist (22) carried by a rotating part (4) of the crane and equipped of an auxiliary cable (23) of diameter lower than lifting and hoist cables to realize a cabling operation of a lifting block with the lifting cable. The hoist is used to realize the mounting operation of a temporary sling (24) for temporary retention of a boom (9), and realize mounting operation of a tie rod line. Independent claims are also included for the following: (1) a device for mounting a luffing crane (2) a luffing crane having luffing crane mounting device.

IPC 8 full level

B66C 23/34 (2006.01); **B66C 23/26** (2006.01)

CPC (source: EP KR)

B66C 23/00 (2013.01 - KR); **B66C 23/16** (2013.01 - KR); **B66C 23/26** (2013.01 - EP); **B66C 23/34** (2013.01 - EP); **B66C 23/72** (2013.01 - EP)

Citation (search report)

- [DA] FR 2641773 A1 19900720 - POTAIN SA [FR]
- [A] EP 0298391 A1 19890111 - MAN GHH KRANTECHNIK [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 05 30 May 1997 (1997-05-30)

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DE102012019248A1; DE102007019747A1; DE102007019747B4; ES2371710A1; EP1982947A2; WO2014048516A1

Designated contracting state (EPC)

DE ES IT

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1780165 A1 20070502; **EP 1780165 B1 20100407**; AU 2006233182 A1 20070510; AU 2006233182 B2 20110804; CN 1955102 A 20070502; CN 1955102 B 20100721; DE 602006013385 D1 20100520; ES 2342969 T3 20100720; FR 2892405 A1 20070427; FR 2892405 B1 20071207; KR 101330716 B1 20131126; KR 20070045098 A 20070502; MY 141399 A 20100430

DOCDB simple family (application)

EP 06356102 A 20060830; AU 2006233182 A 20061024; CN 200610150308 A 20061025; DE 602006013385 T 20060830; ES 06356102 T 20060830; FR 0510954 A 20051026; KR 20060102348 A 20061020; MY PI20064252 A 20061002