

Title (en)

Crane and method for erecting its jib

Title (de)

Kran sowie Verfahren zur Aufrichtung seines Auslegers

Title (fr)

Grue et procédé pour la montage de sa flèche

Publication

EP 1524235 A3 20050427 (DE)

Application

EP 04017081 A 20040720

Priority

DE 20314561 U 20030919

Abstract (en)

[origin: US2005061762A1] The within invention concerns a crane with a rotating platform that can rotate on a vertical axle, a boom that is connected to the rotating platform and which can luff on a luffing axle, guying connected on the one hand with the boom and on the other hand with a guy support, which can slew on an axle parallel to the luffing axle of the boom and is connected with the rotating platform and/or the boom foot, as well as an adjustment mechanism, in particular adjustment cabling, that serves for the luffing of the boom and which is connected with the guy support. According to the invention, the crane is also characterized by the presence of an angle adjustment mechanism by means of which the angle of the guy support can be adjusted relative to the boom when the boom is raised.

IPC 1-7

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IPC 8 full level

B66C 23/82 (2006.01)

CPC (source: EP US)

B66C 23/82 (2013.01 - EP US)

Citation (search report)

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- [X] DE 1271341 B 19680627 - TALFOURD SERGE DECUIR
- [XA] US 3349925 A 19671031 - WAERUM JULIUS N M, et al
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DE 20314561 U1 20050127; DE 502004001995 D1 20061228; EP 1524235 A2 20050420; EP 1524235 A3 20050427; EP 1524235 B1 20061115; US 2005061762 A1 20050324; US 7380677 B2 20080603

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