

Title (en)

MOBILE CRANE AND METHOD FOR ANGLING A MAIN JIB EXTENSION RELATIVE TO A MAIN JIB OF A MOBILE CRANE

Title (de)

MOBILKRAN UND VERFAHREN ZUM ABWINKELN EINER HAUPTAUSLEGERVERLÄNGERUNG RELATIV ZU EINEM HAUPTAUSLEGER EINES MOBILKRANS

Title (fr)

GRUE MOBILE ET PROCÉDÉ POUR PERMETTRE UN DÉPLACEMENT ANGULAIRE D'UNE RALLONGE DE FLÈCHE PRINCIPALE PAR RAPPORT À UNE FLÈCHE PRINCIPALE D'UNE GRUE MOBILE

Publication

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Application

**EP 16797794 A 20161108**

Priority

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Abstract (en)

[origin: WO2017081019A1] The invention relates to a mobile crane having a main jib (2) that is mounted thereupon for luffing and that can be oriented by means of a luffing cylinder (7), and a main jib extension (1) which is detachably connected to a main jib head (2a) of said main jib (2) by means of upper and lower bolts (4c), it being possible to angle said main jib extension (1) about a luffing axis (w) relative to the main jib (1) proceeding from a base position following release of the upper or lower bolts (4c) and using an angle drive (6j), said angle drive engaging with a foot (1c) of the main jib extension (1), a maximum angling angle (b) being delimited by an adjustable angling plate (5), and said angling plate (5) engaging with the foot (1c) of the main jib extension (1) and the main jib head (2a). In order to obtain a mobile crane which simplifies angling of the main jib extension, it is suggested that the angle drive (6j) is a component of an angling plate (5) in the form of a combi-angling plate (6). The invention also relates to a method for angling this main jib extension.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017081019A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

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