

Title (en)

TRACTION ROD FOR BRACING A CRANE JIB

Title (de)

ZUGSTANGE FÜR DIE ABSPANNUNG EINES KRANAUSLEGERES

Title (fr)

BARRE DE TRACTION POUR ASSUJETTIR UNE FLÈCHE DE GRUE

Publication

**EP 2396265 B1 20130403 (DE)**

Application

**EP 10708097 A 20100205**

Priority

- DE 2010000180 W 20100205
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Abstract (en)

[origin: WO2010091678A1] The invention relates to a traction rod (1) for bracing a crane jib, comprising a metallic tubular body (2) and coupling elements (3) which are connected to both ends thereof for an articulated connection of the traction rods among each other by means of bolts (5). According to the invention, the tubular body and the coupling elements consist of a one-piece tube portion, wherein the coupling elements are designed in each case as a thicker zone of the wall of the ends of the tubular body and are dimensioned in such a manner that a weakening of the cross section of the nominal wall thickness of the coupling elements, which has to be considered for calculating the load capacity of the tubular body, is prevented in the region of the bolt connection and the transition regions (7) from the respective thicker zones of the wall in the direction of the tubular body have a transition free of starting points for increasing fatigue strength.

IPC 8 full level

**B66C 23/82** (2006.01)

CPC (source: EP KR US)

**B66C 23/62** (2013.01 - KR); **B66C 23/82** (2013.01 - EP KR US); **Y10T 403/32606** (2015.01 - US)

Cited by

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