

Title (en)

TRAVELLING MECHANISM FOR AN EXTENSIVELY OVERHANGING WORKING DEVICE SUCH AS A BUILDING CRANE

Title (de)

FAHRWERK FÜR EINE WEITAUSLADENDE ARBEITSVORRICHTUNG, INSBESONDERE FÜR EINEN BAUHOCHKRAN

Title (fr)

CHASSIS POUR DISPOSITIF DE TRAVAIL PERMETTANT UN DECHARGEMENT EN UN POINT ELOIGNE, EN PARTICULIER POUR UNE GRUE DE CHANTIER ELEVEE

Publication

EP 1037848 B1 20030423 (DE)

Application

EP 98962421 A 19981208

Priority

- DE 19754643 A 19971209
- EP 9807955 W 19981208

Abstract (en)

[origin: WO9929614A1] The invention relates to a travelling mechanism (2) for an extensively overhanging working device (1) such as a tall building crane, preferably a tower slewing crane, in addition to a travelling mechanism (2) on which such a crane (1) or working device is mounted. The travelling mechanism (2) consists of a chassis (15) with a tandem or twin axle (3, 4) comprising a first (3) and a second (4) axle, whereby the wheels (11a) of both the first (3) and second (4) axle are provided with bogie or axle pivot steering. The bogie or axle pivot steering of the wheels (11a) of the first axle (3) is connected to the bogie or axle pivot steering of the wheels (11b) of the second axle (4) so that the wheels of the first (3) and second axle (4) are geometrically and synchronously steered. Preferably, the wheels of the first (3) and second (4) axle are arranged in a supporting area of the working device (1), as in a crane (1). The travelling mechanism (2) also comprises a traction device (28) which is separate from the chassis (15) and which is joined to a tractor vehicle. Said tractor device (28) is attached to the working device (1) and thus connected to the travelling mechanism (2), whereby the working device, in its preferred embodiment as a crane, functions as part of the chassis (15) during transport and manoeuvring.

IPC 1-7

B66C 23/34

IPC 8 full level

B66C 23/34 (2006.01)

CPC (source: EP)

B66C 23/34 (2013.01); **B66C 23/344** (2013.01); **B66C 23/80** (2013.01)

Cited by

CN105129634A; CN106400698A; EP3889007A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9929614 A1 19990617; AT E238225 T1 20030515; AU 1759299 A 19990628; DE 19856593 A1 19990617; DE 19881861 D2 20001130; DE 59808095 D1 20030528; DK 1037848 T3 20030811; EP 1037848 A1 20000927; EP 1037848 B1 20030423; ES 2198086 T3 20040116; PT 1037848 E 20030930; YU 34600 A 20030131

DOCDB simple family (application)

EP 9807955 W 19981208; AT 98962421 T 19981208; AU 1759299 A 19981208; DE 19856593 A 19981208; DE 19881861 T 19981208; DE 59808095 T 19981208; DK 98962421 T 19981208; EP 98962421 A 19981208; ES 98962421 T 19981208; PT 98962421 T 19981208; YU 34600 A 19981208