

Title (en)

Mobile crane with two part boom

Title (de)

Mobilkran mit einem zweiteiligen Ausleger

Title (fr)

Grue mobile avec flèche en deux parties

Publication

EP 1426321 A1 20040609 (DE)

Application

EP 03022158 A 20030930

Priority

DE 20218971 U 20021206

Abstract (en)

The mobile crane (10) has a long main boom (12), which is divided into two parts (14, 16). These two parts are pivoted to each other at a pivot point (18) so that they can bend relative to each other for raising the boom. Thus they can be brought to a straightened-out or almost straightened-out position for the final assembly position.

Abstract (de)

Die Erfindung betrifft einen Mobilkran (10) mit einem langen Hauptausleger (12). Der Hauptausleger ist zweigeteilt (14,16) und in einem Schwenkpunkt (18) derart miteinander verbunden, wobei er beim Aufrichten abknickbar ist, um in eine gestreckte oder nahezu gestreckte Endmontagelage verbringbar zu sein.

IPC 1-7

B66C 23/82; **B66C 23/68**

IPC 8 full level

B66C 23/68 (2006.01); **B66C 23/82** (2006.01)

CPC (source: EP US)

B66C 23/68 (2013.01 - EP US); **B66C 23/823** (2013.01 - EP US)

Citation (search report)

- [X] DE 10107389 A1 20020822 - ATECS MANNESMANN AG [DE]
- [X] DE 20107984 U1 20011206 - DEMAG MOBILE CRANES GMBH [DE]
- [XA] US 3815759 A 19740611 - GALLAY M
- [X] US 3209920 A 19651005 - DE CUIR MITCHELL A
- [X] DE 10022600 A1 20010719 - MANNESMANN AG [DE]
- [X] EP 0970914 A2 20000112 - MANNESMANN AG [DE]
- [X] GB 981129 A 19650120 - JOHN ALLEN & SONS OXFORD LTD
- [A] EP 1065166 A2 20010103 - MANNESMANN AG [DE]
- [A] DE 339191 C 19210716 - MASCHF AUGSBURG NUERNBERG AG

Cited by

CN101934988A; CN103708362A; US8839966B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

DE 20218971 U1 20040408; DE 50303557 D1 20060706; EP 1426321 A1 20040609; EP 1426321 B1 20060531; US 2004124167 A1 20040701; US 7219810 B2 20070522

DOCDB simple family (application)

DE 20218971 U 20021206; DE 50303557 T 20030930; EP 03022158 A 20030930; US 73040203 A 20031208