

Title (en)  
Mobile crane, in particular mobile construction crane

Title (de)  
Mobilkran, insbesondere Mobilbaukran

Title (fr)  
Grue mobile, notamment grue de construction mobile

Publication  
**EP 2377804 A1 20111019 (DE)**

Application  
**EP 11002601 A 20110329**

Priority  
DE 102010014887 A 20100414

Abstract (en)  
The mobile crane has a ballast element provided in a lifting and lowering device (30) that is used for mounting the ballast element on an upper structure (2). An adapter is provided in the lifting and lowering device, where the adapter is used for arranging the ballast element on the lifting and lowering device. The ballast element is adhered to the rear side of the upper structure by basic ballast. An independent claim is also included for a method for assembling a mobile crane at an installation location.

Abstract (de)  
Die vorliegende Erfindung betrifft einen Mobilkran, insbesondere Mobilbaukran mit einem Unterwagen (1) mit Fahrgestell und einem um eine vertikale Drehachse drehbaren Oberwagen (2), wobei am Unterwagen eine Hebe- und/oder Senkvorrichtung (30) angeordnet ist und am Oberwagen mindestens ein Ballastelement (50) anordenbar ist, welches während der Straßenfahrt auf einem separaten Transportfahrzeug transportierbar ist, wobei das Ballastelement an der Hebe- und/oder Senkvorrichtung anordenbar und unter Verwendung der Hebe- und/oder Senkvorrichtung am Oberwagen montierbar ist.

IPC 8 full level  
**B66C 23/74** (2006.01); **B66C 23/34** (2006.01); **B66C 23/36** (2006.01)

CPC (source: EP)  
**B66C 23/34** (2013.01); **B66C 23/36** (2013.01); **B66C 23/74** (2013.01)

Citation (search report)  
• [X] US 3822791 A 19740709 - EILER P  
• [X] US 3251479 A 19660517 - LONNGREN BRUNO L  
• [X] DE 19803780 A1 19990729 - MANNESMANN AG [DE]  
• [X] DE 1531143 A1 19710121 - RUSTON BUCYRUS LTD

Cited by  
US2022144603A1; US11713221B2; DE102012018111A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2377804 A1 20111019; EP 2377804 B1 20140716**; CN 102259803 A 20111130; CN 102259803 B 20141015;  
DE 102010014887 A1 20111020

DOCDB simple family (application)  
**EP 11002601 A 20110329**; CN 201110096377 A 20110414; DE 102010014887 A 20100414