

Title (en)

CRANE, PARTICULARLY BRIDGE CRANE OR GANTRY CRANE, COMPRISING AT LEAST ONE CRANE GIRDER

Title (de)

KRAN, INSBESONDERE BRÜCKENKRAN ODER PORTALKRAN, MIT MINDESTENS EINEM KRANTRÄGER

Title (fr)

GRUE, EN PARTICULIER PONT ROULANT OU GRUE À PORTIQUE, COMPRENANT AU MOINS UNE POUTRE DE GRUE

Publication

EP 2838830 B1 20151209 (DE)

Application

EP 13715932 A 20130328

Priority

- DE 102012102808 A 20120330
- EP 2013056763 W 20130328

Abstract (en)

[origin: CN202766132U] The utility model relates to cranes (1a and 1b) each of which is at least provided with a crane beam (2), wherein the crane beam extends horizontally and is constructed as a truss girder provided with a plurality of oblique stay bars (5). A crane trolley (9) of the crane device can travel on the crane beam. In order to provide the crane (1a and 1b) with the improved crane beam (2), at least multiple oblique stay bars in the oblique stay bars (5) are constructed in a planar manner.

IPC 8 full level

B66C 6/00 (2006.01); **B66C 19/00** (2006.01); **E04C 3/04** (2006.01); **E04C 3/09** (2006.01)

CPC (source: CN EP US)

B66C 6/00 (2013.01 - CN EP US); **B66C 19/00** (2013.01 - US); **E04C 3/09** (2013.01 - CN EP US); **E04C 2003/0491** (2013.01 - CN EP US)

Cited by

US10781080B2

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

DOCDB simple family (publication)

DE 102012102808 A1 20131002; AU 2013241726 A1 20141016; AU 2013241726 B2 20161201; BR 112014018580 A2 20170704; BR 112014018580 B1 20210518; CA 2865266 A1 20131003; CA 2865266 C 20191119; CN 104395224 A 20150304; CN 104395224 B 20170721; CN 202766132 U 20130306; EP 2838830 A1 20150225; EP 2838830 B1 20151209; ES 2563059 T3 20160310; IN 7458DEN2014 A 20150424; JP 2015515425 A 20150528; JP 6026638 B2 20161116; KR 101996114 B1 20190703; KR 20150002612 A 20150107; MX 2014011685 A 20150122; MX 347905 B 20170518; US 2015053636 A1 20150226; US 9540216 B2 20170110; WO 2013144314 A1 20131003

DOCDB simple family (application)

DE 102012102808 A 20120330; AU 2013241726 A 20130328; BR 112014018580 A 20130328; CA 2865266 A 20130328; CN 201220219052 U 20120515; CN 201380017683 A 20130328; EP 13715932 A 20130328; EP 2013056763 W 20130328; ES 13715932 T 20130328; IN 7458DEN2014 A 20140904; JP 2015502362 A 20130328; KR 20147026206 A 20130328; MX 2014011685 A 20130328; US 201314388596 A 20130328