

Title (en)  
CRANE

Title (de)  
KRAN

Title (fr)  
GRUE

Publication  
**EP 3187453 B1 20181017 (DE)**

Application  
**EP 17155128 A 20140318**

Priority  
• DE 202013003309 U 20130408  
• EP 14711157 A 20140318  
• EP 2014000731 W 20140318

Abstract (en)  
[origin: WO2014166579A1] The present invention relates to a crane, particularly a tower crane, with at least one lattice jib, comprising a plurality of longitudinal beams which are connected to each other by transverse and/or diagonal struts, wherein at least one of the longitudinal beams has a beam cross section that varies over the length of the beam and/or different beam cross sections in different lattice bays. According to the invention, the at least one longitudinal beam, which has a beam cross section that varies over the length of the beam and/or different beam cross sections in different lattice bays, has weld-free transitions between beam sections of different beam cross sections. At least two beam sections of different cross section are produced from a single piece with homogeneous material and free from any joining seam, wherein said longitudinal beam can particularly be manufactured from steel, or a steel profile, or a steel semifinished product.

IPC 8 full level  
**B66C 23/36** (2006.01); **B66C 23/70** (2006.01)

CPC (source: EP)  
**B66C 23/36** (2013.01); **B66C 23/70** (2013.01)

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 202013003309 U1 20140709**; DK 2984025 T3 20170814; EP 2984025 A1 20160217; EP 2984025 B1 20170503; EP 3184478 A1 20170628; EP 3184478 B1 20181017; EP 3187453 A1 20170705; EP 3187453 B1 20181017; ES 2635623 T3 20171004; WO 2014166579 A1 20141016

DOCDB simple family (application)  
**DE 202013003309 U 20130408**; DK 14711157 T 20140318; EP 14711157 A 20140318; EP 17155128 A 20140318; EP 17155131 A 20140318; EP 2014000731 W 20140318; ES 14711157 T 20140318