

Title (en)
METHOD FOR ASSEMBLING A TOWER CRANE

Title (de)
VERFAHREN ZUR MONTAGE EINES TURMKRANES

Title (fr)
PROCÉDÉ DE MONTAGE D'UNE GRUE À PYLÔNE

Publication
EP 2041017 A1 20090401 (DE)

Application
EP 07786000 A 20070711

Priority
• EP 2007006168 W 20070711
• DE 102006032321 A 20060711

Abstract (en)
[origin: WO2008006573A1] The invention relates to a method for assembling a tipless tower crane and to a tipless tower crane which can be assembled in accordance with the method according to the invention. The method according to the invention permits more rapid assembly of the tower crane and at the same time reduces the risk, in particular for the assembly worker who has to undertake the reeving operations on the hoisting jib head (16), or even eliminates said operations. The tower crane according to the invention which can be assembled by the method according to the invention can be assembled as a result in a substantially shorter time. The method according to the invention has the following steps: constructing a lower tower crane part (20) to the desired height as far as a lower tip part (21); assembling a hoisting jib system (10) separately from the lower tower crane part (20), subsequently constructing a counter-jib (40) and connecting the counter-jib (40) to the crane parts (10, 20) already assembled.

IPC 8 full level
B66C 23/26 (2006.01); **B66C 23/64** (2006.01)

CPC (source: EP)
B66C 23/26 (2013.01); **B66C 23/64** (2013.01)

Citation (search report)
See references of WO 2008006573A1

Cited by
WO2019043156A1; WO2020052931A1; US12012313B2; DE202017107301U1; US11459217B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 102006032321 A1 20080117; AT E554043 T1 20120515; EP 2041017 A1 20090401; EP 2041017 B1 20120418; ES 2388151 T3 20121009; WO 2008006573 A1 20080117

DOCDB simple family (application)
DE 102006032321 A 20060711; AT 07786000 T 20070711; EP 07786000 A 20070711; EP 2007006168 W 20070711; ES 07786000 T 20070711