

Title (en)
TOWER CRANE WITH AUTOMATIC FOLDING AND UNFOLDING, AND COMPRISING A MAST AND A BOOM OFFSET RELATIVE TO THE MAST

Title (de)
TURMKRAN MIT AUTOMATISCHER EIN- UND AUSKLAPPFUNKTION, DER EINEN MAST UND EINEN ZUM MAST VERSETZTEN AUSLEGER UMFASST

Title (fr)
GRUE À TOUR À DÉPLIAGE ET REPLIAGE AUTOMATIQUES ET COMPRENANT UN MAT ET UNE FLÈCHE DÉCALÉE PAR RAPPORT AU MAT

Publication
EP 3184481 B1 20190123 (FR)

Application
EP 16201221 A 20161129

Priority
FR 1563220 A 20151223

Abstract (en)
[origin: US2017183203A1] The jib direction (X4) is shifted with respect to the mast direction (Z2) parallel to the hinge axis (Y24). A distance between the hinge axis (Y24) and the lower limit (4.12) is greater than 75% of the height (H4.1) of the first jib section (4.1).

IPC 8 full level
B66C 23/34 (2006.01); **B66C 23/06** (2006.01); **B66C 23/68** (2006.01); **B66C 23/70** (2006.01); **B66C 23/74** (2006.01)

CPC (source: CN EP US)
B66C 23/06 (2013.01 - US); **B66C 23/342** (2013.01 - EP US); **B66C 23/344** (2013.01 - EP US); **B66C 23/60** (2013.01 - CN); **B66C 23/62** (2013.01 - CN); **B66C 23/68** (2013.01 - CN US); **B66C 23/702** (2013.01 - US); **B66C 23/74** (2013.01 - US)

Cited by
EP3816091A1; FR3102763A1; US11420851B2

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)
EP 3184481 A1 20170628; EP 3184481 B1 20190123; CN 106904541 A 20170630; CN 106904541 B 20200303; ES 2721303 T3 20190730; FR 3046149 A1 20170630; FR 3046149 B1 20171229; US 10577228 B2 20200303; US 2017183203 A1 20170629

DOCDB simple family (application)
EP 16201221 A 20161129; CN 201611193558 A 20161221; ES 16201221 T 20161129; FR 1563220 A 20151223; US 201615389933 A 20161223