

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)  
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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