

Title (en)
TOWER CRANE

Title (de)
TURMKRAN

Title (fr)
GRUE À TOUR

Publication
EP 3507232 A1 20190710 (DE)

Application
EP 17765080 A 20170912

Priority
• DE 102016011179 A 20160915
• EP 2017001077 W 20170912

Abstract (en)
[origin: WO2018050278A1] The invention relates to a tower crane, in particular a rotary tower crane, comprising a crane tower, which is constructed from a plurality of tower pieces, a main jib, which is arranged at the tower tip, and a counter-jib, wherein at least one main lifting cable is guided over the main jib in order to hold a load and at least one counter-jib lifting cable is guided over the counter-jib in order to hold a balancing weight.

IPC 8 full level
B66C 23/28 (2006.01); **B66C 23/72** (2006.01)

CPC (source: EP US)
B66C 23/283 (2013.01 - EP US); **B66C 23/54** (2013.01 - US); **B66C 23/72** (2013.01 - EP US); **B66C 23/76** (2013.01 - US)

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102016011179 A1 20180315; CN 109803915 A 20190524; CN 109803915 B 20210817; EP 3507232 A1 20190710;
EP 3507232 B1 20240228; US 10934140 B2 20210302; US 2019256330 A1 20190822; WO 2018050278 A1 20180322

DOCDB simple family (application)
DE 102016011179 A 20160915; CN 201780056751 A 20170912; EP 17765080 A 20170912; EP 2017001077 W 20170912;
US 201716333497 A 20170912