

Title (en)

TOWER CRANE AND METHOD OF MOUNTING A WIND TURBINE ROTOR BLADE

Title (de)

TURMDREHKRAN UND VERFAHREN ZUR MONTAGE EINES WINDTURBINEN-ROTORBLATTES

Title (fr)

GRUE A TOUR ET PROCÉDÉ DE MONTAGE D'UNE PALE DE ROTOR D'EOLIENNE

Publication

EP 3016901 B1 20190522 (DE)

Application

EP 14738383 A 20140701

Priority

- DE 102013010965 A 20130701
- DE 102014003906 A 20140319
- EP 2014001797 W 20140701

Abstract (en)

[origin: WO2015000586A1] The invention concerns a tower crane comprising a tower consisting of at least one tower component, in particular a lattice part and construction guying with at least one stay pole for horizontally anchoring the tower on a construction. According to the invention, the tower comprises a vertically movable guide frame, at least one positioning cable being displaceably secured on the guide frame. The present invention further concerns a method of mounting a wind turbine rotor blade.

IPC 8 full level

B66C 1/10 (2006.01); **B66C 13/08** (2006.01)

CPC (source: EP US)

B66C 1/108 (2013.01 - EP US); **B66C 13/08** (2013.01 - US); **B66C 23/16** (2013.01 - US); **B66C 23/185** (2013.01 - EP US); **B66C 23/207** (2013.01 - EP US)

Cited by

WO2021234169A1

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 102014003906 A1 20150108; CN 105492366 A 20160413; DK 3016901 T3 20190826; EP 3016901 A1 20160511; EP 3016901 B1 20190522; ES 2743181 T3 20200218; US 10023443 B2 20180717; US 2016229671 A1 20160811; WO 2015000586 A1 20150108

DOCDB simple family (application)

DE 102014003906 A 20140319; CN 201480048247 A 20140701; DK 14738383 T 20140701; EP 14738383 A 20140701; EP 2014001797 W 20140701; ES 14738383 T 20140701; US 201414901824 A 20140701