

Title (en)
TOWER FOR A WIND TURBINE

Title (de)
TURM FÜR EINE WINDKRAFTANLAGE

Title (fr)
MÂT POUR AÉROGÉNÉRATEUR

Publication
EP 3350438 A1 20180725 (DE)

Application
EP 16762821 A 20160908

Priority
• DE 102015115634 A 20150916
• EP 2016071186 W 20160908

Abstract (en)
[origin: WO2017045993A1] The invention relates inter alia to a tower for a wind turbine, with an upper tower portion (2) and a lower tower portion (4, 4'), wherein the upper tower portion (2) comprises a tubular tower (6), wherein the lower tower portion (4, 4') comprises a lattice tower (8, 8'). The object of allowing improved ergonomics and work safety and making it possible to obtain a structural design with optimized forces is achieved by the lower tower portion (4, 4') comprising a central tube (10, 10') arranged centrally within the lattice tower (8, 8'), and by the central tube (10, 10') having a smaller diameter, at least in certain portions, than at least part of the tubular tower of the upper tower portion.

IPC 8 full level
F03D 13/20 (2016.01); **E04H 12/00** (2006.01)

CPC (source: EP US)
E02B 17/0004 (2013.01 - EP US); **E02B 17/027** (2013.01 - EP); **E04H 12/08** (2013.01 - US); **E04H 12/10** (2013.01 - US); **F03D 13/20** (2016.05 - EP US); **F02B 2017/0091** (2013.01 - EP US); **E04H 2012/006** (2013.01 - EP US); **F05B 2230/30** (2013.01 - EP US); **F05B 2230/60** (2013.01 - EP US); **F05B 2240/9121** (2013.01 - EP US); **F05B 2240/913** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP); **Y02E 10/728** (2013.01 - EP US); **Y02P 70/50** (2015.11 - EP US)

Citation (search report)
See references of WO 2017045993A1

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)
WO 2017045993 A1 20170323; CA 2996021 A1 20170323; CA 2996021 C 20200616; CN 108026899 A 20180511; CN 108026899 B 20200911; DE 102015115634 A1 20170330; EP 3350438 A1 20180725; US 10330085 B2 20190625; US 2018266396 A1 20180920

DOCDB simple family (application)
EP 2016071186 W 20160908; CA 2996021 A 20160908; CN 201680054107 A 20160908; DE 102015115634 A 20150916; EP 16762821 A 20160908; US 201615760304 A 20160908