

Title (en)
TOWER FOR A WIND POWER PLANT

Title (de)
TURM FÜR EINE WINDKRAFTANLAGE

Title (fr)
MÂT POUR AÉROGÉNÉRATEUR

Publication
EP 2422083 A2 20120229 (DE)

Application
EP 09776553 A 20090422

Priority
EP 2009002928 W 20090422

Abstract (en)
[origin: WO2010121630A2] The invention relates to a tower for a wind power plant having a plurality of corner bars (1) for forming a mast construction, wherein the corner bars (1) are each made up of a plurality of partial profiles (2) connected to each other and having opposing connection areas (3a, 3b) at which the adjacent partial profiles (2) of a corner bar (1) can be connected to each other, and wherein the partial profiles (2) each have two kink points in cross section extending in the longitudinal direction of the partial profiles (2) in a segment located between opposite connection areas (3a, 3b) of the partial profile. The corner bars (1) are each formed of at least three partial profiles (2), wherein the at least three partial profiles (2) of a corner bar (1) form a closed overall profile having an annular cross section, and that the joints at the connection of connection areas (3a, 3b) of adjacent partial profiles (2) of a corner bar (1) are each flush with an adjacent joint of an adjacent corner bar (1) extending the corner bar (1) in the longitudinal direction.

IPC 8 full level
E04H 12/10 (2006.01); **F03D 1/00** (2006.01); **F03D 11/04** (2006.01)

CPC (source: EP US)
E04H 12/10 (2013.01 - EP US); **F03D 13/10** (2016.05 - EP US); **F03D 13/20** (2016.05 - EP US); **F05B 2240/9121** (2013.01 - EP US); **Y02E 10/72** (2013.01 - EP); **Y02E 10/728** (2013.01 - EP US)

Citation (search report)
See references of WO 2010121630A2

Designated contracting state (EPC)
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 SE SI SK TR

DOCDB simple family (publication)
WO 2010121630 A2 20101028; **WO 2010121630 A3 20110526**; CN 102439303 A 20120502; EP 2422083 A2 20120229; US 2012137621 A1 20120607; US 8474212 B2 20130702

DOCDB simple family (application)
EP 2009002928 W 20090422; CN 200980158869 A 20090422; EP 09776553 A 20090422; US 200913265435 A 20090422