

Title (en)
FOUNDATION FOR A WIND MOTOR

Title (de)
FUNDAMENT FÜR EINE WINDENERGIEANLAGE

Title (fr)
FONDATION D'UNE ÉOLIENNE

Publication
EP 2877638 B1 20160928 (DE)

Application
EP 13731686 A 20130619

Priority
• DE 102012014828 A 20120727
• EP 2013001811 W 20130619

Abstract (en)
[origin: WO2014015927A1] The invention relates to an openwork load-bearing structure for a wind turbine, in particular a lattice-tower structure for a wind turbine, in particular a foundation structure for a wind turbine, in particular for anchoring an offshore wind turbine in the ground via driven foundation piles, wherein the openwork load-bearing structure has primary structures, via which loads which occur in the load-bearing structure as a result of the wind turbine are dissipated, and secondary structures, which perform functional, rather than load-dissipating, tasks, wherein the secondary structures are arranged on the primary structures and are connected integrally thereto, and it is characterized in that the integral connection between the primary and the secondary structures is in the form of a connecting layer arranged therebetween. The invention also relates, in particular, to a method for producing a lattice-tower structure for a wind turbine, in particular a foundation structure for a wind turbine, in particular for anchoring an offshore wind turbine in the ground via foundation piles.

IPC 8 full level
E02D 27/42 (2006.01)

CPC (source: EP US)
E02D 27/42 (2013.01 - EP US); **E02D 27/425** (2013.01 - EP US); **E04B 1/19** (2013.01 - US); **E04B 1/4114** (2013.01 - US); **E04H 12/22** (2013.01 - US); **E04H 12/34** (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

DOCDB simple family (publication)
WO 2014015927 A1 20140130; DE 102012014828 A1 20140130; DK 2877638 T3 20170116; EP 2877638 A1 20150603; EP 2877638 B1 20160928; US 2015218796 A1 20150806; US 9663939 B2 20170530

DOCDB simple family (application)
EP 2013001811 W 20130619; DE 102012014828 A 20120727; DK 13731686 T 20130619; EP 13731686 A 20130619; US 201314417606 A 20130619