

Title (en)

FOUNDATION FOR A TOWER STRUCTURE AND METHOD FOR ESTABLISHING A FOUNDATION FOR A TOWER STRUCTURE

Title (de)

GRÜNDUNG FÜR EIN TURMBAUWERK UND VERFAHREN ZUR GRÜNDUNG EINES TURMBAUWERKS

Title (fr)

FONDATION POUR OUVRAGE FORMANT MÂT ET PROCÉDÉ POUR LA FONDATION D'UN OUVRAGE FORMANT MÂT

Publication

EP 3942114 A1 20220126 (DE)

Application

EP 20711883 A 20200313

Priority

- DE 102019107266 A 20190321
- EP 2020056953 W 20200313

Abstract (en)

[origin: CA3131987A1] A foundation (120) for a tower structure, in particular for a tower (102) of a wind turbine (100), comprising: - a ground-improving unit (200), which has piles (210), and a plate (220), which is arranged on the piles (210) and has a foundation side (221), the foundation side (221) forming a foundation plane; and - a shallow foundation (300), which has a planar standing side (310) for placing onto the foundation plane, the shallow foundation (300) being arranged on the plate (220).

IPC 8 full level

E02D 27/42 (2006.01); **E02D 27/16** (2006.01)

CPC (source: EP US)

E02D 5/30 (2013.01 - US); **E02D 27/02** (2013.01 - US); **E02D 27/16** (2013.01 - EP US); **E02D 27/425** (2013.01 - EP US); **F03D 13/22** (2023.08 - US); **E02D 2250/0023** (2013.01 - US); **E02D 2600/20** (2013.01 - US); **F05B 2240/912** (2013.01 - US); **Y02E 10/72** (2013.01 - EP); **Y02E 10/728** (2013.01 - EP)

Citation (search report)

See references of WO 2020187785A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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DE 102019107266 A1 20200924; CA 3131987 A1 20200924; CN 113614313 A 20211105; EP 3942114 A1 20220126; JP 2022524314 A 20220502; US 2022154418 A1 20220519; WO 2020187785 A1 20200924

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