

Title (en)
FOUNDATION FOR A WIND TURBINE

Title (de)
FUNDAMENT FÜR EINE WINDKRAFTANLAGE

Title (fr)
FONDATION POUR UNE ÉOLIENNE

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Application
EP 21786343 A 20210923

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Abstract (en)
[origin: CA3194308A1] The invention relates to a foundation for a wind turbine, wherein the foundation (10) comprises substantially prefabricated elements, preferably made of reinforced concrete, having a first, vertically extending pedestal-like section (11), on which a tower of the wind turbine can be arranged, and having a second, substantially horizontally extending section (12) as foundation body that is in contact with the ground (100), wherein the first section (11) is arranged above the second section (12). According to the invention, provision is made that the first, vertically extending pedestal-like section (11) is formed from at least three layers (13, 16, 17) arranged one above another, of which the upper and the lower layer (13, 17) are formed from at least two ring-like layers (13a, 13b, 17a, 17b) and the central layer (16) is formed from at least one ring-like layer (16a), that the height (H + l, 2x l) of the upper and/or lower layer (13, 17) is less than the height (J) of the central layer (16), and that the layers (13, 16, 17) are vertically braced with the second section (12) by means of at least two vertical tensioning members (19).

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