

Title (en)

RIBBED FOUNDATION FOR SUPERSTRUCTURES AND METHOD FOR PRODUCING THE FOUNDATION

Title (de)

GERIPPTE FUNDAMENT FÜR AUFBAUTEN UND VERFAHREN ZUR HERSTELLUNG DES FUNDAMENTS

Title (fr)

FONDATION NERVURÉE DE SUPER-STRUCTURES ET PROCÉDÉ DE RÉALISATION DE LA FONDATION

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Application

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Abstract (en)

The present invention relates to a reinforced-concrete foundation system for erecting superstructures that transmit high axial loads, shearing forces and/or flexural moments at individual points, such as, for example, wind turbines. The foundation that is the subject matter of the present invention is formed by an upper reinforced-concrete slab poured "in situ", of polygonal or circular footprint, and which is made rigid at the bottom by means of reinforced-concrete ribs of rectangular or trapezoidal cross section which are arranged radially. The method makes provision for said ribs to be produced from concrete "in situ" or, alternatively, by means of prefabricated elements, always working jointly with the upper slab. This new foundation considerably reduces the costs of forming traditional foundations for this type of superstructure, by considerably improving completion deadlines.

IPC 8 full level

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