

Title (en)
A METHOD AND AN ASSEMBLY FOR CASTING A TOWER FOUNDATION

Title (de)
VERFAHREN UND ANORDNUNG FÜR DAS GIESSEN EINES FUNDAMENTES EINES TURMES

Title (fr)
PROCEDE ET SYSTEME POUR COULER LES FONDATIONS D'UN PYLONE

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Abstract (en)
[origin: WO0043599A1] A method and a fixture assembly for casting a foundation for a tower (16), in particular for a wind turbine, providing a high quality contact surface for the bottom flange (15) of the tower (16) is disclosed. The method comprises the positioning a plurality of anchoring rods (2) in a ground excavation and of a fixture assembly at an upper end of the excavation so that the anchoring rods (2) extend through openings in a fixture plate (1), which is fully supported by at least three pull-off means (4) above the fixture plate (1) and each engaging with the upper end of four anchoring rods (2). Liquid concrete (17) is poured into the excavation to a horizontal level so that the fixture plate (1) is partly submerged in the concrete (17), and after hardening, the fixture plate (1) is pulled off from the concrete (17) by means of the pull-off means (4), leaving a recess formed in the concrete (17) being suitable for receiving a bottom flange (15) of the tower (16).

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