

Title (en)
ROTATING TOWER CRANE

Title (de)
TURMDREHKRAN

Title (fr)
GRUE PIVOTANTE SUR PYLÔNE

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Application
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Abstract (en)
[origin: WO2014048516A1] The invention relates to a rotating tower crane comprising a tower which is rotatably mounted on a substructure supported on the ground and which supports a boom. The tower and/or the boom are braced by means of a bracing means. In particular, the invention relates to a bottom-rotating tower crane, wherein the tower sits on a rotating platform, which is mounted on the substructure in a rotatable manner about a vertical axis, and supports a preferably adjustable boom. According to the invention, the substructure is assembled from multiple substructure supports, each of which forms a container freight item. As a result of the modular assembly of the substructure from modules which form container freight items, the substructure can be transported on conventional container trucks. The tower and boom bracing means are designed such that the bracing means can remain reeved on the crane even during transportation, and the tower can be assembled and disassembled by means of a climbing device comprising a tiltable climbing shield with a hydraulic drive.

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