

Title (en)  
SUPPORTING STRUCTURE FOR A CRANE, AND CRANE THEREWITH

Title (de)  
TRAGSTRUKTUR FÜR EINEN KRAN UND KRAN HIERMIT

Title (fr)  
STRUCTURE PORTANTE POUR GRUE ET GRUE MUNIE DE LADITE STRUCTURE

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Application  
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Abstract (en)  
[origin: WO2017129406A1] The invention relates to a supporting structure for a crane (1), in particular for a framework construction of a mast or crane girder, in particular a jib (5), or for a bracing construction of the crane (1), wherein the supporting structure (2) comprises a first supporting element and a second supporting element connected to the first supporting element, wherein the second supporting element is produced from a fibre composite material, in particular CFP or GFP. In order to provide an improved supporting structure for a crane (1), it is proposed that the first supporting element is connected to the second supporting element via a connecting element (9) which has projections (9b) which, for fastening to the second supporting element, project into the fibre composite material of the second supporting element, with the result that the connecting element (9) is connected to the second supporting element in a form-fitting manner. The invention also relates to a crane (1) having a correspondingly improved supporting structure.

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