

Title (en)

CRANE, AND METHOD FOR CONTROLLING SUCH A CRANE

Title (de)

KRAN UND VERFAHREN ZUM STEUERN EINES SOLCHEN KRANS

Title (fr)

GRUE ET PROCÉDÉ DE COMMANDE DE LADITE GRUE

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Application

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Abstract (en)

[origin: WO2017178106A1] The invention relates to a crane (2), in particular a tower slewing crane, comprising a load-receiving means (208) mounted to a hoist rope (207), drive devices for moving a plurality of crane elements, and for moving the load receiving means, a control unit (3) for controlling the drive devices such that the load receiving means travels along a travel path, and a pendulum damping device (340) for damping swinging movements of the load receiving means. Said pendulum damping device has a control module (341) for influencing the actuation of the drive devices as a function of the actual swinging movement of the rope and the deformations and/or movements of the structural components as a result of dynamic loads.

IPC 8 full level

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