Title (en)

LIFTING MECHANISM FOR AN APPARATUS FOR LIFTING CONSTRUCTION PLATES, LIFTING APPARATUS COMPRISING THIS MECHANISM, AND LIFTING METHOD USING THIS APPARATUS

Title (de)

HEBEMECHANISMUS FÜR EINE VORRICHTUNG ZUM HEBEN VON BAUPLATTEN, HEBEVORRICHTUNG MIT DIESEM MECHANISMUS UND HEBEVERFAHREN MIT DIESER VORRICHTUNG

Title (fr)

MÉCANISME DE LEVAGE POUR UN APPAREIL DE LEVAGE DE PLAQUES DE CONSTRUCTION, APPAREIL DE LEVAGE COMPORTANT UN TEL MÉCANISME, PROCÉDÉ DE LEVAGE À L'AIDE D'UN TEL APPAREIL

Publication

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Application

EP 15784085 A 20151002

Priority

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Abstract (en)

[origin: WO2016071589A1] The present invention proposes a silent, safe, fast, multi-purpose and easy-to-service lifting mechanism. For this purpose, the mechanism comprises: a telescopic mast with a fixed segment (11) and a first telescopic segment (12) mounted so as to slide inside the fixed segment; a rack (13) having a set width and provided with teeth (131), which is attached to the first telescopic segment; a gear system comprising: a pinion (21) directly meshed with the rack, a driving shaft (22) which meshes with the pinion and is attached to a steering wheel, a reversible locking means for the driving shaft, designed to lock the driving shaft against rotation as long as no action is taken by a user.

IPC 8 full level

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CPC (source: CN EP US)

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Citation (search report)

See references of WO 2016071589A1

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