

Title (en)
CLIMBING DEVICE FOR MOVING LARGE MOVABLE STRUCTURES

Title (de)
KLETTERRVORRICHTUNG ZUM BEWEGEN GROSSER BEWEGLICHER STRUKTUREN

Title (fr)
DISPOSITIF D'ÉTRIER POUR LE DÉPLACEMENT DE GRANDES STRUCTURES MOBILES

Publication
EP 2740701 A1 20140611 (EN)

Application
EP 11870249 A 20110801

Priority
ES 2011070568 W 20110801

Abstract (en)
Climbing device for moving large movable structures, which is constituted by a series of toothed members (2), each mounted on two identical crankshafts (3), which pass through them transversely and rotate, in unison and in synchrony, such that the two eccentrics corresponding to each toothed member have the same arrangement at all times so the toothed member is always in the horizontal position, carrying out a rotational movement about two lateral axis, which coincide with the respective crankshafts, which movement is translated longitudinally into an approximation and dragging movement of the device upon its resting onto the rack immediately followed by its separation from the rack and backwards movement to a previous position. At all times, at least one toothed member is in contact with the rack and consequently all the teeth of said toothed member are in gear with said rack.

IPC 8 full level
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