Title (en)

METHOD FOR LOCKING OPERATING POSITION OF BOOM, PERSONNEL HOIST AND LIFT CYLINDER

Title (de)

VERFAHREN ZUR BEIBEHALTUNG DER BETRIEBSPOSITION EINES AUSLEGERS SOWIE PERSONENHEBEVORRICHTUNG UND HEBEZYLINDER DAFÜR

Title (fr)

PROCÉDÉ POUR VERROUILLER LA POSITION DE FONCTIONNEMENT D'UNE FLÈCHE, MONTE-PERSONNEL ET VÉRIN DE LEVAGE

Publication

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Application

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Abstract (en)

[origin: WO2011128510A1] The invention relates to a method for locking an operating position of a boom, to a personnel hoist and a lift cylinder for a boom. The boom (3) may be raised up to an operating position (A) by the lift cylinder (8). The movement between a piston rod (13) of the lift cylinder (8) and the cylinder body (14) may be locked at least in the return direction by means of a locking device (17). The locking device comprises a first locking member (10) moving together with the piston and a second locking member (15) coupled to the cylinder body.In the locking position of the locking device the relative longitudinal movement between the locking members is prevented mechanically, which allows the boom to be locked to its operating position.

IPC 8 full level

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