

Title (en)  
HYDRAULIC DOOR DRIVE FOR A VERTICAL-LIFT DOOR, VERTICAL-LIFT DOOR HAVING THE HYDRAULIC DOOR DRIVE, AND METHOD FOR OPERATING THE HYDRAULIC DOOR DRIVE

Title (de)  
HYDRAULISCHER TORANTRIEB FÜR EIN HUBTOR UND HUBTOR AUFWEISEND DEN HYDRAULISCHEN TORANTRIEB SOWIE VERFAHREN ZUM BETREIBEN DES HYDRAULISCHEN TORANTRIEBS

Title (fr)  
ENTRAÎNEMENT HYDRAULIQUE DE PORTE RELEVABLE ET PORTE RELEVABLE PRÉSENTANT L'ENTRAÎNEMENT HYDRAULIQUE AINSI QUE PROCÉDÉ DE FONCTIONNEMENT DE L'ENTRAÎNEMENT HYDRAULIQUE DE PORTE

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Application  
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Abstract (en)  
[origin: CA3146486A1] The invention relates to a hydraulic door drive for a vertical-lift door (1) that opens, in particular, vertically, comprising at least one hydraulic motor (6), which is configured and designed to drive a door curtain (2) or to be at least concomitantly driven by the door curtain (2), and at least one hydraulic unit (10) for supplying the hydraulic door drive (5) with pressurized hydraulic fluid (13; 13a), characterized by a pressure accumulator (22), wherein a) potential energy of the door curtain (2), which is released when the latter is closed, can be stored in the form of pressure energy in the pressure accumulator (22), and/or b) the pressure accumulator (22) can be loaded with pressure energy by means of the at least one hydraulic unit (10), wherein c) stored pressure energy in the pressure accumulator (22) can be discharged to the hydraulic motor (6) in order to at least open and/or at least close the door curtain (2).

IPC 8 full level  
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