

Title (en)  
ELEVATOR DRIVE SYSTEM USING THE COUNTERWEIGHT THEREOF

Title (de)  
ANTRIEB FÜR EINEN AUFZUG DURCH SEIN GEGENGEWICHT

Title (fr)  
ENTRAÎNEMENT D'UN ASCENSEUR PAR LE CONTREPOIDS

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Application  
**EP 02755085 A 20020621**

Priority  
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Abstract (en)  
[origin: WO03004398A1] The invention relates to an elevator drive device using the counterweight (42) thereof. A small jack is disposed on a pedestal (30) which can propel the elevator car (48) at between 3 and 9 times the travelling speed of the rod and move the elevator car (48) by a height that is equal to between 3 and 9 times the length of the jack (14). The diameter and the quantity of oil used are greatly affected by the reduced size of the jack. The inventive system can be used to reach heights never achieved by standard hydraulic elevators. Said system also allows for the installation of the jack outside the casing, which, in certain cases, can prove very important.

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