

Title (en)  
METHOD AND DEVICE TO STABILIZE AN AGV DURING TRANSPORT OF ELEVATED LOADS

Title (de)  
VERFAHREN UND VORRICHTUNG ZUM STABILISIEREN VON AUTOMATISCH GEFÜHRTE FHRZEUGEN WÄHREND DES TRANSPORTS VON HOHEN LASTEN

Title (fr)  
PROCÉDÉ ET DISPOSITIF POUR STABILISER UN VÉHICULE GUIDÉ AUTOMATISÉ PENDANT LE TRANSPORT DE CHARGES ÉLEVÉES

Publication  
**EP 2681149 B1 20141217 (EN)**

Application  
**EP 11707151 A 20110228**

Priority  
EP 2011052952 W 20110228

Abstract (en)  
[origin: WO2012116729A1] Method and device to physically stabilize a unit load comprising stapled unit loads such as at least two standard containers applied a top of each other and on top of at least one Automatically Controlled Vehicle (AGV), during transport of said load in all directions on the ground, characterized in that, the AGV to be arranged below said unit load is provided with at least one wheel-bogie, which each in turn is provided with at least one wheel at each corner thereof, sad bogie being arranged controllably able to pivot at its geometrical center to a frame of said AGV while each wheel being arranged controllably able to pivot at its respective fixation points, whereby during transport in longitudinal direction of the total unit, each bogie being translated to a diagonal position in relation to its position of introduction as the wheels simultaneously are controlled so as to maintain their rolling direction in the direction of transport, so as to as a total effect enhance the traction of the AGV.

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