

Title (en)

LOAD COMPENSATION DEVICE FOR A MAINTENANCE VEHICLE, AND METHOD FOR EFFECTUATING THE COMPENSATION

Publication

EP 0292413 B1 19901017 (FR)

Application

EP 88420163 A 19880520

Priority

FR 8707277 A 19870520

Abstract (en)

[origin: US4886174A] This invention relates to a load compensating device of the type comprising a detector adapted to stop displacement of the load in the event of said load encountering an obstacle and the reaction of this load thereon varying more or less with respect to a threshold, wherein it comprises:-a fixed armature comprising two end stops;-a sliding block adapted to slide in the armature between its end stops;-an outer bell element provided with means adapted to cooperate with the sliding block;-an overload jack disposed between the sliding block and the armature;-an underload jack housed between the sliding block and the outer bell element;-a counterweight to which the cable for handling the load is attached and axially mobile between two limits with respect to the outer bell element;-and an electro-pneumatic circuit for modulated supply of the jacks as a function of the variations in the load.

IPC 1-7

B66D 1/58

IPC 8 full level

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CPC (source: EP US)

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Cited by

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