

Title (en)  
ELEVATOR SYSTEM HAVING REDUCED BALANCING

Title (de)  
AUFZUGSSYSTEM MIT REDUZIERTER AUSBALANCIERUNG

Title (fr)  
SYSTÈME D'ASCENSEUR À ÉQUILIBRAGE RÉDUIT

Publication  
**EP 3068717 A1 20160921 (FR)**

Application  
**EP 14796215 A 20140930**

Priority  
• FR 1361203 A 20131115  
• FR 2014052477 W 20140930

Abstract (en)  
[origin: WO2015071555A1] An elevator system (1) comprising a car (2), a counterweight (3) having a counterweight mass value ( $M_{cp}$ ) strictly less than the mass of the car plus half the maximum loading mass, and a control device (9) comprising receiving means for receiving a current loading measured value ( $Q_{mes}$ ), processing means for calculating a speed value depending on the current loading measured value, and transmission means for transmitting a control signal so as to cause the car to move at the calculated speed, and two pulleys (4, 5) intended to be installed at the respective ends of the elevator shaft, wherein at least one of the car and the counterweight is mounted on at least one linear element (4) that passes via the two pulleys so as to form a closed loop with said at least one of the car and the counterweight.

IPC 8 full level  
**B66B 1/34** (2006.01)

CPC (source: EP)  
**B66B 11/009** (2013.01)

Citation (search report)  
See references of WO 2015071555A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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