

Title (en)
ELEVATOR SYSTEM HAVING REDUCED BALANCING

Title (de)
AUFZUGSSYSTEM MIT REDUZIERTER AUSBALANCIERUNG

Title (fr)
SYSTÈME D'ASCENSEUR À ÉQUILIBRAGE RÉDUIT

Publication
EP 3068717 B1 20240508 (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 11/00 (2006.01)

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

Citation (examination)
EP 1944262 A1 20080716 - SCHLOSSER LUEZAR & CVR S L [ES]

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

DOCDB simple family (publication)
WO 2015071555 A1 20150521; CN 105916790 A 20160831; CN 105916790 B 20190621; EP 3068717 A1 20160921; EP 3068717 B1 20240508; FR 3013340 A1 20150522; FR 3013340 B1 20160101; RU 2016118761 A 20171218

DOCDB simple family (application)
FR 2014052477 W 20140930; CN 201480061508 A 20140930; EP 14796215 A 20140930; FR 1361203 A 20131115; RU 2016118761 A 20140930