

Title (en)
CONTROL SYSTEM FOR ELEVATOR

Title (de)
STEUERSYSTEM FÜR AUFZUG

Title (fr)
SYSTÈME DE CONTRÔLE POUR ÉLÉVATEUR

Publication
EP 1767483 A1 20070328 (EN)

Application
EP 04747385 A 20040712

Priority
JP 2004009918 W 20040712

Abstract (en)
Provided is a control system for an elevator, capable of performing speed control while balancing rope tension applied to two hoists. The control system for an elevator two hoisting machines; two ropes looped around the two hoisting machines respectively; a car engaged with each of the two ropes at one end thereof; counterweights engaged with each of the two ropes at the other end thereof; a drive control device for driving the two hoisting machines; tension detectors for detecting respective rope tensions of the two ropes; and a compensator for outputting a feedback control signal to the drive control device in accordance with a difference between the tensions of the two ropes detected by the tension detectors to control rotational speeds of the hoisting machines with a view to balancing the rope tensions with each other.

IPC 8 full level
B66B 1/06 (2006.01)

CPC (source: EP)
B66B 1/28 (2013.01); **B66B 1/285** (2013.01); **B66B 1/30** (2013.01); **B66B 9/00** (2013.01)

Cited by
US2017362063A1; US11261055B2; US11591188B2; WO2016109158A1

Designated contracting state (EPC)
DE

DOCDB simple family (publication)
EP 1767483 A1 20070328; **EP 1767483 A4 20100331**; **EP 1767483 B1 20110216**; CN 100522781 C 20090805; CN 1953922 A 20070425; DE 602004031468 D1 20110331; JP 4850708 B2 20120111; JP WO2006006229 A1 20080424; WO 2006006229 A1 20060119

DOCDB simple family (application)
EP 04747385 A 20040712; CN 200480042996 A 20040712; DE 602004031468 T 20040712; JP 2004009918 W 20040712; JP 2006527662 A 20040712