

Title (en)  
Controller for elevator

Title (de)  
Aufzugssteuereinheit

Title (fr)  
Unité de contrôle pour ascenseur

Publication  
**EP 1721855 A2 20061115 (EN)**

Application  
**EP 06008217 A 20060420**

Priority  
JP 2005137001 A 20050510

Abstract (en)  
A controller for an elevator equipped with a gear-type traction machine which transmits the driving force of a motor to a driving sheave via a gear, which is constituted by a car which ascends and descends in an elevator shaft, car load detecting means which detects a load acting on the car, operation direction detecting means which detects an operation direction of the car, and speed determining means which determines a maximum speed of the car according to characteristics of the motor during a power running operation and a maximum speed of the car according to characteristics of the gear of the gear-type traction machine during a braking operation on the basis of detection results of the car load detecting means and the operation direction detecting means.

IPC 8 full level  
**B66B 1/28** (2006.01); **B66B 1/30** (2006.01); **B66B 1/44** (2006.01)

CPC (source: EP KR)  
**B66B 1/24** (2013.01 - KR); **B66B 1/28** (2013.01 - KR); **B66B 1/285** (2013.01 - EP); **B66B 11/04** (2013.01 - KR)

Cited by  
US8789660B2; US9114955B2; WO2011128493A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1721855 A2 20061115**; **EP 1721855 A3 20090819**; CN 100569614 C 20091216; CN 1861508 A 20061115; JP 2006315773 A 20061124; JP 4584019 B2 20101117; KR 101171371 B1 20120810; KR 20060116714 A 20061115

DOCDB simple family (application)  
**EP 06008217 A 20060420**; CN 200610079130 A 20060510; JP 2005137001 A 20050510; KR 20060041245 A 20060508