

Title (en)  
ELEVATOR CONTROL SYSTEM

Title (de)  
AUFZUGSSTEUERSYSTEM

Title (fr)  
SYSTÈME DE COMMANDE D ASCENSEUR

Publication  
**EP 2256077 B1 20160928 (EN)**

Application  
**EP 08722904 A 20080327**

Priority  
JP 2008055865 W 20080327

Abstract (en)  
[origin: EP2256077A1] In an elevator control system, supply of electric power to a motor of a driving machine that moves a car is controlled by a control apparatus. A temperature warning signal is output from a temperature signal generating apparatus to the control apparatus if a temperature of predetermined subject equipment that includes the driving machine reaches a predetermined temperature reference value. The control apparatus performs speed priority control in which a maximum value of rotational speed of the motor is kept to a predetermined speed by passing a field weakening current to the motor when receipt of the temperature warning signal is stopped, and performs torque priority control in which a maximum value of rotational speed of the motor is kept lower than the predetermined speed within a range in which output torque is at a maximum relative to the supply of electric power of the motor by lowering the field weakening current to the motor further than during the speed priority control when the temperature warning signal is received.

IPC 8 full level  
**B66B 5/02** (2006.01); **B66B 1/30** (2006.01)

CPC (source: EP)  
**B66B 1/30** (2013.01); **B66B 5/02** (2013.01)

Cited by  
CN111788139A; CN104684833A

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

DOCDB simple family (publication)  
**EP 2256077 A1 20101201; EP 2256077 A4 20140702; EP 2256077 B1 20160928**; CN 101925528 A 20101222; CN 101925528 B 20121128; JP 5404606 B2 20140205; JP WO2009118858 A1 20110721; KR 101189883 B1 20121010; KR 20100094592 A 20100826; WO 2009118858 A1 20091001

DOCDB simple family (application)  
**EP 08722904 A 20080327**; CN 200880125441 A 20080327; JP 2008055865 W 20080327; JP 2010505098 A 20080327; KR 20107016345 A 20080327