

Title (en)
ELEVATOR CONTROL DEVICE

Title (de)
AUFZUGSTEUERUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE COMMANDE D'ASCENSEUR

Publication
EP 2474495 A4 20160113 (EN)

Application
EP 09848994 A 20090904

Priority
JP 2009065509 W 20090904

Abstract (en)
[origin: EP2474495A1] Provided is an elevator control device having a learning function, with enhanced reliability of the result of learning and high performance. An elevator control device for optimizing variable-speed driving includes: a learning function section for updating running control parameters based on a result of identification of running state quantities during a normal operation after an elevator is installed; and a learning-function check section for performing one of stop of elevator service and rated running using predetermined running control parameters when the running control parameters obtained by the learning function section are out of allowable ranges of the running control parameters, which are estimated from allowable fluctuation rates of basic apparatus specification values of the elevator, and for determining that the learning function section is normal when the running control parameters are within the allowable ranges of the running control parameters.

IPC 8 full level
B66B 1/30 (2006.01)

CPC (source: EP KR)
B66B 1/30 (2013.01 - EP KR); **B66B 1/34** (2013.01 - KR)

Citation (search report)
• [X1] US 5142107 A 19920825 - NAGATAI YASUHIRO [JP]
• See references of WO 2011027463A1

Cited by
DE112012002180B4; US11042149B2; WO2024056930A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
EP 2474495 A1 20120711; EP 2474495 A4 20160113; EP 2474495 B1 20170830; CN 102471013 A 20120523; CN 102471013 B 20140312; JP 5289574 B2 20130911; JP WO2011027463 A1 20130131; KR 101374415 B1 20140317; KR 101553135 B1 20150914; KR 20120046278 A 20120509; KR 20140021037 A 20140219; WO 2011027463 A1 20110310

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EP 09848994 A 20090904; CN 200980160969 A 20090904; JP 2009065509 W 20090904; JP 2011529753 A 20090904; KR 20127004649 A 20090904; KR 20137034464 A 20090904