

Title (en)  
ELEVATOR CONTROL DEVICE

Title (de)  
AUFZUGSTEUERUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE COMMANDE D'ASCENSEUR

Publication  
**EP 2687471 A4 20141119 (EN)**

Application  
**EP 11861300 A 20110316**

Priority  
JP 2011056174 W 20110316

Abstract (en)  
[origin: EP2687471A1] Provided is an elevator controller which can substantially simplify the labor for installation and adjustment and can detect car positions with high accuracy regardless of the skills of workers who perform installation and adjustment. This controller is provided with an encoder which detects the rotation of a sheave and first position detection means which detects a car position on the basis of detection results of the encoder. Furthermore, this controller is provided with an image indication part which is provided in an end portion of a shaft and an image detection part which is provided on the car. The image detection part detects an image indicated on the image indication part. Second position detection means detects a car position on the basis of detection results of the image detection part. An image writing part adjusts the position of an image indicated on the image indication part on the basis of the car positions detected by the first position detection means and second position detection means.

IPC 8 full level  
**B66B 1/34** (2006.01); **B66B 5/00** (2006.01); **B66B 19/00** (2006.01)

CPC (source: EP KR)  
**B66B 1/3492** (2013.01 - EP); **B66B 3/02** (2013.01 - KR); **B66B 5/06** (2013.01 - KR); **B66B 5/0087** (2013.01 - EP); **B66B 19/00** (2013.01 - EP)

Citation (search report)  
• [A] EP 1698580 A1 20060906 - THYSENKRUPP AUFZUGSWERKE GMBH [DE]  
• [A] JP 2009214965 A 20090924 - TOSHIBA ELEVATOR CO LTD  
• See references of WO 2012124068A1

Cited by  
US11597632B2

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)  
**EP 2687471 A1 20140122; EP 2687471 A4 20141119; EP 2687471 B1 20150909**; CN 103391894 A 20131113; CN 103391894 B 20150819; JP 5527475 B2 20140618; JP WO2012124068 A1 20140717; KR 101502264 B1 20150312; KR 20130143645 A 20131231; WO 2012124068 A1 20120920

DOCDB simple family (application)  
**EP 11861300 A 20110316**; CN 201180067980 A 20110316; JP 2011056174 W 20110316; JP 2013504451 A 20110316; KR 20137026422 A 20110316