

Title (en)  
ELEVATOR MONITORING DEVICE

Title (de)  
AUFZUGSÜBERWACHUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE CONTRÔLE D'ASCENSEUR

Publication  
**EP 2316772 A4 20140723 (EN)**

Application  
**EP 08792775 A 20080827**

Priority  
JP 2008065265 W 20080827

Abstract (en)  
[origin: EP2316772A1] An elevator monitoring apparatus 1000 includes an encoding device 100. An encoder 103 of the encoding device 100 inputs, from a frame buffer 102, a digital image signal 4 which is an image sensed by a camera 140 and which is an in-car image, digitized by an A/D converter 101, of an elevator. Simultaneously, the encoder 103 inputs, from an elevator control device 130, elevator information 3 which is a digital signal indicating an operating state of the elevator. The encoder 103 encodes the digital image signal 4 into a bit string in accordance with an image encoding rule such as MPEG4, and encodes the elevator information 3 into a bit string in accordance with a predetermined elevator information encoding rule. The encoder 103 generates encoded bit string data which includes the bit string of the digital image signal 4 and the bit string of the elevator information 3 and in which the bit string of the digital image signal and the bit string of the elevator information are related to each other, and outputs the generated encoded bit string data to a decoding device 110.

IPC 8 full level  
**B66B 3/00** (2006.01); **B66B 5/00** (2006.01)

CPC (source: EP)  
**B66B 5/0012** (2013.01); **B66B 5/0018** (2013.01)

Citation (search report)

- [Y] WO 2004031063 A1 20040415 - HAN TECHNOLOGY CO LTD [KR], et al
- [Y] WO 2005043460 A2 20050512 - OTIS ELEVATOR CO [US], et al
- [A] WO 2006115334 A1 20061102 - HPNRT CO LTD [KR], et al
- See references of WO 2010023734A1

Cited by  
CN102336355A

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 2316772 A1 20110504; EP 2316772 A4 20140723; EP 2316772 B1 20160921**; CN 102066225 A 20110518; CN 102066225 B 20130515; JP 5328794 B2 20131030; JP WO2010023734 A1 20120126; KR 101256725 B1 20130419; KR 20110016919 A 20110218; WO 2010023734 A1 20100304

DOCDB simple family (application)  
**EP 08792775 A 20080827**; CN 200880129791 A 20080827; JP 2008065265 W 20080827; JP 2010526456 A 20080827; KR 20107027632 A 20080827