Title (en)
SAFETY DEVICE AND CONTROL METHOD FOR A LIFT SYSTEM

Title (de)
VERFAHREN UND STEUEREINRICHTUNG ZUR ÜBERWACHUNG VON FAHRBEWEGUNGEN EINER AUFZUGSKABINE

Title (fr)
DISPOSITIF DE SÉCURITÉ ET PROCÉDÉ DE CONTRÔLE D'UNE INSTALLATION D'ASCENSEUR

Publication
EP 2807103 A1 20141203 (DE)

Application
EP 13701254 A 20130124

Priority
- DE 102012201086 A 20120125
- EP 12189011 A 20121018
- EP 12190499 A 20121030
- EP 2013051318 W 20130124
- EP 13701254 A 20130124

Abstract (en)
[origin: WO2013110693A1] The invention relates to a method for monitoring travelling movements of a lift cabin, to an electronic control device for monitoring travelling movements of a lift cabin, and to a lift cabin having a corresponding control device. Travelling movements (s, v, a) of a lift cabin are substantially travels (s), speeds (v) or accelerations (a) of the lift cabin. At least some travelling movements are detected redundantly for the purpose of monitoring. Here, either the travels (s) or the speeds (v) are detected redundantly and the accelerations (a) are detected singly, or alternatively, the accelerations (a) are detected redundantly and the travels(s) or the speeds (v) are detected singly, or preferably, the travels (s) or the speeds (v) and the accelerations (a) can be detected redundantly. The electronic control device is preferably arranged in the region of supporting rollers of the lift cabin.

IPC 8 full level
B66B 5/06 (2006.01); **B66B 1/34** (2006.01); **B66B 5/00** (2006.01)

CPC (source: EP US)
B66B 1/30 (2013.01 - US); **B66B 1/32** (2013.01 - US); **B66B 1/343** (2013.01 - EP US); **B66B 5/0031** (2013.01 - EP US);
B66B 5/04 (2013.01 - US); **B66B 5/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2013110693A1

Cited by
US11242220B2

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)
WO 2013110693 A1 20130801; BR 112014017973 A2 20170620; BR 112014017973 A8 20170711; CA 2861399 A1 20130801;
CO 7010799 A2 20140731; EP 2807103 A1 20141203; EP 2807103 B1 20151230; ES 2566386 T3 20160412; HU E027471 T2 20160928;
JP 2015508367 A 20150319; KR 20140128343 A 20141105; MX 2014008910 A 20140826; PL 2807103 T3 20160630;
RU 2014134594 A 20160320; SI 2807103 T1 20160429; US 2015014098 A1 20150115; ZA 201405388 B 20151223

DOCDB simple family (application)
EP 2013051318 W 20130124; BR 112014017973 A 20130124; CA 2861399 A 20130124; CO 14158918 A 20140722; EP 13701254 A 20130124;
ES 13701254 T 20130124; HU E13701254 A 20130124; JP 2014553710 A 20130124; KR 20147023351 A 20130124;
MX 2014008910 A 20130124; PL 13701254 T 20130124; RU 2014134594 A 20130124; SI 201330154 T 20130124;
US 201314374552 A 20130124; ZA 201405388 A 20140722