

Title (en)
ELEVATOR OPERATION MODE SWITCHING SYSTEM

Title (de)
SYSTEM ZUR UMSCHALTUNG EINES AUFZUGSBETRIEBSMODUS

Title (fr)
SYSTÈME DE COMMUTATION DE MODE DE FONCTIONNEMENT D'ASCENSEUR

Publication
EP 2623452 A4 20180314 (EN)

Application
EP 10857873 A 20101001

Priority
JP 2010067226 W 20101001

Abstract (en)
[origin: EP2623452A1] In an operation-mode switching system for an elevator, a maintenance-operation mode selector switch for switching an operation mode to a maintenance-operation mode is provided in a hoistway. A landing-door opening detection switch is provided to a landing door independently of a landing-door switch for detecting opening and closing of the landing door. The landing-door opening detection switch is turned OFF when the landing door is intentionally opened. A relay for inhibiting normal operation during maintenance is demagnetized when the landing-door opening detection switch is turned OFF to inhibit start of a car. A maintenance operation of the car is enabled by switching the operation mode to the maintenance-operation mode through the maintenance-operation mode selector switch after the start of the car is inhibited by the relay for inhibiting normal operation during maintenance.

IPC 8 full level
B66B 5/00 (2006.01); **B66B 13/16** (2006.01)

CPC (source: EP KR)
B66B 5/00 (2013.01 - KR); **B66B 5/005** (2013.01 - EP); **B66B 5/0087** (2013.01 - EP); **B66B 13/16** (2013.01 - EP)

Citation (search report)
• [A] JP 2007276896 A 20071025 - MITSUBISHI ELECTRIC CORP
• [A] WO 2008050415 A1 20080502 - MITSUBISHI ELECTRIC CORP [JP], et al
• See references of WO 2012042660A1

Cited by
EP3184477A1; EP3342739A1; US2019202662A1; US11897729B2; US10549950B2; US11623843B2; US10703608B2; US11040853B2; US10676321B2; WO2019219406A1; US11414297B2; EP3434634B1

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 2623452 A1 20130807; **EP 2623452 A4 20180314**; **EP 2623452 B1 20191120**; CN 103068710 A 20130424; CN 103068710 B 20150722; JP 5452726 B2 20140326; JP WO2012042660 A1 20140203; KR 101452668 B1 20141022; KR 20130085417 A 20130729; WO 2012042660 A1 20120405

DOCDB simple family (application)
EP 10857873 A 20101001; CN 201080068436 A 20101001; JP 2010067226 W 20101001; JP 2012536105 A 20101001; KR 20137010996 A 20101001