

Title (en)
ELEVATOR DOOR DEVICE

Title (de)
AUFZUGSTÜRVORRICHTUNG

Title (fr)
DISPOSITIF DE PORTE D ASCENSEUR

Publication
EP 2316777 A4 20140625 (EN)

Application
EP 08792741 A 20080826

Priority
JP 2008065195 W 20080826

Abstract (en)
[origin: EP2316777A1] There is provided an elevator door system capable of detecting the approach of a user to an elevator door and capable of reliably preventing detection omission and misdetection. For this purpose, a detecting device is provided on a top plate forming the upper edge of an elevator entrance, and an elevator user who is present within a predetermined detection range is detected by the detecting device. Also, the detection range of the detecting device is set only in a part of a space forming the elevator entrance. Further, predetermined control such as announcement to call the user's attention and door opening/closing operation is carried out based on the detection result of the detecting device.

IPC 8 full level
B66B 13/26 (2006.01); **B66B 13/14** (2006.01)

CPC (source: EP)
B66B 13/146 (2013.01); **B66B 13/26** (2013.01)

Citation (search report)

- [XY] JP H06144757 A 19940524 - MITSUBISHI ELECTRIC CORP
- [IA] EP 1253276 A2 20021030 - OPTEX CO LTD [JP]
- [YA] US 5142152 A 19920825 - BOIUCANER LEON [US]
- [YA] EP 1518814 A1 20050330 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2010023724A1

Cited by
US10294072B2; US11232312B2; US11836995B2; EP3075699B1

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 2316777 A1 20110504; EP 2316777 A4 20140625; CN 102089233 A 20110608; JP 5569391 B2 20140813; JP WO2010023724 A1 20120126; KR 101217326 B1 20121231; KR 20110000591 A 20110103; WO 2010023724 A1 20100304

DOCDB simple family (application)
EP 08792741 A 20080826; CN 200880130254 A 20080826; JP 2008065195 W 20080826; JP 2010526446 A 20080826; KR 20107026757 A 20080826