

Title (en)

SLIDE DOOR DEVICE AND ELEVATOR

Title (de)

SCHIEBETÜRVORRICHTUNG UND AUFDUZUG

Title (fr)

DISPOSITIF DE PORTE COULISSANTE ET ASCENSEUR

Publication

EP 2371754 A4 20140806 (EN)

Application

EP 08879182 A 20081226

Priority

JP 2008073797 W 20081226

Abstract (en)

[origin: EP2371754A1] In a sliding door apparatus, a first housing is disposed on a first vertical frame of a doorway frame, and a second housing is disposed on a second vertical frame. A first light emitter that includes a vertically long and continuous first light-emitting surface is disposed in the first housing. A second light emitter that includes a vertically long and continuous second light-emitting surface is disposed in the second housing. A first imaging means that captures an image of the second light-emitting surface is disposed in the first housing. In addition, a second imaging means that captures an image of the first light-emitting surface is disposed in the second housing.

IPC 8 full level

B66B 13/26 (2006.01)

CPC (source: EP KR)

B66B 13/08 (2013.01 - KR); **B66B 13/26** (2013.01 - EP KR); **B66B 13/30** (2013.01 - KR); **E05F 15/40** (2015.01 - KR); **E05F 15/43** (2015.01 - KR); **E05Y 2400/44** (2013.01 - KR); **E05Y 2400/54** (2013.01 - KR); **E05Y 2900/104** (2013.01 - KR)

Citation (search report)

- [XAY] WO 2007142074 A1 20071213 - MITSUBISHI ELECTRIC CORP [JP], et al & US 2009108987 A1 20090430 - SHIKAI MASAHIRO [JP], et al
- [Y] US 2007064424 A1 20070322 - PLATT TERENCE C [GB]
- [E] EP 2266911 A1 20101229 - MITSUBISHI ELECTRIC CORP [JP]
- [E] EP 2298686 A1 20110323 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2010073387A1

Cited by

US2023048407A1; US11947070B2; US2023051817A1; US11941858B2

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 2371754 A1 20111005; EP 2371754 A4 20140806; EP 2371754 B1 20161026; CN 102159488 A 20110817; CN 102159488 B 20140625; JP 5289463 B2 20130911; JP WO2010073387 A1 20120531; KR 101210016 B1 20121207; KR 20110053462 A 20110523; WO 2010073387 A1 20100701

DOCDB simple family (application)

EP 08879182 A 20081226; CN 200880131139 A 20081226; JP 2008073797 W 20081226; JP 2010543720 A 20081226; KR 20117006904 A 20081226