

Title (en)
SLIDE DOOR DEVICE AND ELEVATOR

Title (de)
SCHIEBETÜRVORRICHTUNG UND AUFZUG

Title (fr)
DISPOSITIF DE PORTE COULISSANTE ET ASCENSEUR

Publication
EP 2298686 A4 20140129 (EN)

Application
EP 08791200 A 20080716

Priority
JP 2008062805 W 20080716

Abstract (en)
[origin: EP2298686A1] In a sliding door apparatus, a first detecting apparatus has: a light emitter that is disposed on a side portion of a doorway; and an imaging means that faces the light emitter from an opposite side of the doorway and captures images of the light emitter, detecting objects that are present in the doorway. A second detecting apparatus has: a light source that emits a light beam along a side portion of the doorway; and a photodetector that receives the light beam from the light source, detecting objects that are present in a vicinity of the side portion of the doorway. A controlling apparatus controls opening and closing of a door based on information from the first and second detecting apparatuses.

IPC 8 full level
B66B 13/26 (2006.01); **B66B 13/28** (2006.01)

CPC (source: EP)
B66B 13/26 (2013.01); **B66B 13/28** (2013.01)

Citation (search report)

- [YDA] JP 2004338846 A 20041202 - MITSUBISHI ELECTRIC CORP
- [YA] JP 3958940 B2 20070815 & EP 1243544 A2 20020925 - MITSUBISHI ELECTRIC CORP [JP]
- [YA] EP 1518814 A1 20050330 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2010007670A1

Cited by
EP2371754A4; GB2519929A; GB2519929B; US11760605B2

Designated contracting state (EPC)
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