

Title (en)
CEILING DEVICE OF ELEVATOR CAR

Title (de)
DECKENVORRICHTUNG FÜR AUFZUGSKABINE

Title (fr)
DISPOSITIF DE PLAFOND POUR CABINE D'ASCENSEUR

Publication
EP 2123586 A4 20130814 (EN)

Application
EP 07707158 A 20070122

Priority
JP 2007050895 W 20070122

Abstract (en)
[origin: EP2123586A1] In an elevator car ceiling apparatus, an internal ceiling plate is disposed further inside a car than an external ceiling plate in which a rescue hatchway is disposed. An inspection hatchway that faces the rescue hatchway is disposed in the internal ceiling plate. A rescue hatchway opening and closing cover is disposed on the external ceiling plate, and an inspection hatchway opening and closing cover is disposed on the internal ceiling plate. The rescue hatchway opening and closing cover is displaceable between a rescue hatchway closing position that closes the rescue hatchway and a rescue hatchway opening position that is positioned further outside the car than the rescue hatchway closing position and that opens the rescue hatchway. The inspection hatchway opening and closing cover is held by the internal ceiling plate when in an inspection hatchway closing position that closes the inspection hatchway, and is removed from the internal ceiling plate by being displaced from the inspection hatchway closing position to a holding release position that is offset horizontally to disengage holding by the internal ceiling plate.

IPC 8 full level
B66B 11/02 (2006.01)

CPC (source: EP KR)
B66B 11/00 (2013.01 - KR); **B66B 11/02** (2013.01 - KR); **B66B 11/0226** (2013.01 - EP)

Citation (search report)

- [XAY] JP S62176168 U 19871109
- [Y] JP H05193878 A 19930803 - MITSUBISHI ELECTRIC CORP
- [Y] JP S62196288 A 19870829 - MITSUBISHI ELECTRIC CORP
- [YA] JP 2002211858 A 20020731 - HITACHI BUILDING SYS CO LTD
- [A] JP S5135939 A 19760326 - HITACHI LTD
- [A] JP 2003073048 A 20030312 - TOSHIBA ELEVATOR CO LTD
- See references of WO 2008090593A1

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DE112012006806B4; CN110407066A

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
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DOCDB simple family (application)
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