

Title (en)
ELEVATOR FLOOR DOOR LOCK DEVICE AND ELEVATOR FLOOR DOOR DEVICE

Title (de)
VERRIEGELUNGSVORRICHTUNG FÜR AUFZUGSSTOCKWERKTÜR UND STOCKWERKTÜRVORRICHTUNG EINES AUFZUGS

Title (fr)
DISPOSITIF DE VERROUILLAGE DE PORTE DE CABINE D'ASCENSEUR ET DISPOSITIF DE PORTE DE CABINE D'ASCENSEUR

Publication
EP 3650393 A4 20210414 (EN)

Application
EP 18865671 A 20180803

Priority
• CN 201710934869 A 20171010
• CN 2018098473 W 20180803

Abstract (en)
[origin: EP3650393A1] The present invention discloses an elevator landing door lock device, comprising a contact switch, a connector, a rotating hook, a fixed lock hook, and a contact switch, wherein the fixed lock hook is fixed to a frame body of landing door device by means of a mounting plate; the connector is fixed on the rotating hook, the rotating hook is fixed on a driving door hanging plate; the connector comprises a conductive block, the conductive block is U-shaped, when the conductive block has a relatively large amount of extension in the vertical direction, two bending surfaces are respectively formed at two branch ends of the U-shaped conductive block, bottoms of the two bending surfaces are flush; and when the connector is rotated into position with the rotating hook, one end of the conductive block of the connector may enter into the through groove of the insulating housing, in which case the conductive block presses the contact of the contact switch to switch on the contact. In the present invention, an electrical safety device of a landing door lock of an asynchronous door vane landing door device can satisfy the protection degree of IP2X. The present invention further discloses an elevator landing door device.

IPC 8 full level
B66B 13/16 (2006.01)

CPC (source: CN EP KR)
B66B 13/06 (2013.01 - KR); **B66B 13/16** (2013.01 - EP KR); **B66B 13/165** (2013.01 - CN); **E05Y 2900/104** (2013.01 - KR)

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• [A] JP 2015530334 A 20151015
• [A] JP S5543710 U 19800321
• [AP] WO 2017179197 A1 20171019 - MITSUBISHI ELECTRIC CORP [JP]
• See also references of WO 2019072003A1

Cited by
CN112061940A

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