

Title (en)
ELEVATOR CAR DOOR MACHINE DEVICE HAVING CAR DOOR LOCK

Title (de)
AUFZUGSKABINENTÜRMASCHINE MIT KABINENTÜRSCHLOSS

Title (fr)
DISPOSITIF DE MACHINE DE PORTE DE CABINE D'ASCENSEUR AYANT UNE FERMETURE DE PORTE DE CABINE

Publication
EP 3659956 B1 20230607 (EN)

Application
EP 18870984 A 20180803

Priority
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• CN 2018098643 W 20180803

Abstract (en)
[origin: EP3659956A1] The present invention discloses an elevator car door operator device with a car door lock, which comprises an elevator door operator cross beam, a door vane assembly and a door vane mounting seat. The door vane mounting seat is fixedly arranged on a driving side car door, the door vane assembly comprises a first movable vane, a second movable vane, a first movable vane driving device, a protruding part, a fixed hook, a blocking part and a rotatable hook, and the rotatable hook fits with the fixed hook to lock or loosen an elevator car door; and the blocking part is capable of abutting against the protruding part to limit the rotation range and speed of the first movable vane driving device. The present invention can prevent the door gap, from which the door can be forced open by passengers in the car, from being too large when the elevator is in an abnormal unlocking area, prevent the danger from occurring, open and close the door normally in the unlocking area, and realize the opening of the car door as long as the landing door is opened during emergency rescue in the unlocking area.

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B66B 13/06 (2013.01 - KR); **B66B 13/12** (2013.01 - EP KR); **B66B 13/16** (2013.01 - KR); **E05Y 2900/104** (2013.01 - KR)

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