

Title (en)  
ELEVATOR CAR DOOR MACHINE DEVICE

Title (de)  
AUFZUGKABINENTÜRMASCHINENVORRICHTUNG

Title (fr)  
MÉCANISME DE PORTE DE CABINE D'ASCENSEUR

Publication  
**EP 3659957 A4 20210421 (EN)**

Application  
**EP 18871254 A 20180803**

Priority  
• CN 201711029437 A 20171027  
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Abstract (en)  
[origin: EP3659957A1] The present invention discloses an elevator car door operator device, which comprises an elevator door operator cross beam, a door vane assembly and a door vane mounting seat. The door vane assembly comprises a first movable vane, a second movable vane, a first movable vane driving device, a protruding part and a blocking part. The blocking part (9) is capable of abutting against the protruding part (13), limits the swinging range and swinging speed of the first movable vane (2) when the car door is opened, and enables the first movable vane (2) to swing towards a direction far away from the second movable vane (27) when the car door is closed. The present invention can prevent the rotatable hook of the landing door lock from contacting the fixed hook of the landing door lock prematurely, and effectively retain the kinetic energy of the landing door.

IPC 8 full level  
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CPC (source: EP KR)  
**B66B 13/12** (2013.01 - EP KR); **B66B 13/20** (2013.01 - KR); **B66B 13/20** (2013.01 - EP); **E05Y 2900/104** (2013.01 - KR)

Citation (search report)  
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• [XA] EP 0763496 B1 20020130 - KONE CORP [FI]  
• [A] US 2015329325 A1 20151119 - MITTERMAYR FRANZ [AT]  
• [A] US 2006243535 A1 20061102 - KINOSHITA TOORU [JP], et al  
• See references of WO 2019080583A1

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CN116081436A

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DOCDB simple family (publication)  
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