

Title (en)
DOOR DEVICE

Title (de)
TÜRVERRICHTUNG

Title (fr)
SYSTÈME DE PORTE

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Application
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Abstract (en)
[origin: EP2034117A1] In a view of the conventional circumstance, the present invention is provided, and an object of the present invention is to provide an excellent opening/closing door unit convenient in opening/closing operation, with a space-saving constitution of a drive source. The opening/closing door unit includes a movement support part 41 provided so as to move in a width direction of an opening part relative to an immobile part; and a door body 11 supported by the movement support part 41 so as to turn in a direction to intersect the opening part and with the opening part opened and closed by the movement and the turn of the door body 11, wherein a linear motor 49 is constituted by providing a stator 49a in the immobile part and providing a movable element 49b in the movement support part 41, and by the linear motor 49, the movement support part 41 is moved in a width direction of the opening part.

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Citation (search report)
• [Y] JP 2002295118 A 20021009 - TOYOTA AUTO BODY CO LTD
• [Y] JP H04353070 A 19921208 - FUJI ELECTRIC CO LTD
• See also references of WO 2007142284A1

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