

Title (en)
SLIDING DOOR DEVICE

Title (de)
SCHIEBETÜREINRICHTUNG

Title (fr)
DISPOSITIF DE PORTE COULISSANTE

Publication
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Application
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Abstract (en)
[origin: US2004242146A1] The invention concerns a sliding door device (10) comprising at least a mobile sliding door (11) and separating elements (12) for maintaining and guiding the mobile and removable sliding door (11). The latter enables automatic opening and closure of an opening (20) based on a command. Therefor, the edges of the sliding door are at least partly enclosed with a frame part (14), an air curtain (24) being produced in front of the passageway (20) by means of a fan (16). The invention is characterized in that the sliding door comprises on its free vertical sides a frame part (14) provided with a housing wherein is arranged a fan (16). The outlet (17) of said fan leads to a longitudinal opening in the form of a nozzle producing the air curtain (24) and extending over practically the entire length of the vertical side (13) of the door. Additionally an inlet (18) of the fan (16) is provided in the frame part (14).

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