

Title (en)

DOOR WITH INTEGRATED IDENTIFICATION SYSTEM IN THE AIR CURTAIN DEVICE

Title (de)

TÜR MIT INTEGRIERTEM IDENTIFIZIERUNGSSYSTEM IN DER LUFTSCHLEIEREINRICHTUNG

Title (fr)

PORTE MUNIE D'UN SYSTEME D'IDENTIFICATION INTEGRE DANS LE DISPOSITIF DE VOILE D'AIR CHAUD

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Application

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Abstract (en)

[origin: WO2005008141A1] The invention relates to a door device (10) with at least one door (11), for opening and closing a passageway (27), such as used in stores, public buildings, or similar. The doors (11) may be displaced in a door frame (12), for example, by means of a rotational or longitudinal displaceable mounting. The door device (10) is further provided with at least one air curtain device (30), essentially running along the complete height of the passageway (27) and which generates an exiting air curtain (33), such that, with the door (11) open, the passageway (27) is screened by the air curtain (33). The generated air curtain (33) serves to reduce the energy losses which occur when air from the outside (28) of the door device (10) reaches the inside (29) of the door device (10), or vice versa. According to the invention, a door device (10) may be achieved which not only permits the access of people and objects, but also identification of the people, objects, or similar and the management thereof is as uncomplicated as possible, whereby the door device (10) is provided with at least one additional identification system (40). Said identification system (40) comprises at least one sensor unit (41), a control unit (42) and an output unit (43) which are connected to each other. Furthermore, at least one sensor unit (41) in the identification system (40) is integrated in the air curtain device (30).

IPC 8 full level

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