

Title (en)

Revolving door, in particular for protecting the access to a room.

Title (de)

Drehtür, insbesondere zum Schutz einem Raumzugang.

Title (fr)

Tourniquet, en particulier pour protéger l'accès à une chambre.

Publication

EP 0504953 A1 19920923 (EN)

Application

EP 92200404 A 19920213

Priority

NL 9100516 A 19910322

Abstract (en)

A revolving door, in particular for protecting the access to a room, comprises a revolving shaft (2), a plurality of door wings (3) attached to the shaft (2) and spaced around it, a pair of opposite panels (4) bordering the door wings (3) and forming a partially closed zone with a first (6) and a second opening (7), a drive motor (9) for the shaft (2) and a control unit (10) for the drive motor (9). A detecting means (13) is provided for detecting whether or not a person is authorized to access the room, and a first sensor (11) for detecting an unauthorized person entering the zone through the first (6) or second (7) opening, respectively, wherein the control unit (10) stops the drive motor (9) in response to the first sensor (11). Further a control means (18) is provided operable by an unauthorized person confined between two successive door wings in the sector of the partially closed zone as determined by the (each) panel. This control means (18) is only active if an unauthorized person is confined in said sector and in that case upon operation is adapted to cause the drive means to drive the shaft (2) in reverse to the passage direction. <IMAGE>

IPC 1-7

E05G 5/00; **E05G 5/02**

IPC 8 full level

E05G 5/00 (2006.01)

CPC (source: EP)

E05G 5/003 (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [A] US 4627193 A 19861209 - SCHWARZ MILAN [US]
- [A] US 4341165 A 19820727 - CALANDRITTI ROSARIO, et al

Cited by

DE19613178A1; US6084367A; WO9724503A1

Designated contracting state (EPC)

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