Title (en)

SECURITY TURNSTILE FOR THE PASSAGE OF PEOPLE

Publication

EP 0445398 B1 19930203 (DE)

Application

EP 90124364 A 19901217

Priority

DE 4007303 A 19900308

Abstract (en)

[origin: US5146711A] In a security revolving door is provided (1) with a turnstile (2) rotatably through one passage sector (8) and one blocking sector (9), which turnstile can be turned into a defined resting position. An electronic control unit (28) with peripheral monitoring devices is provided to control a blocking device (14) releasing or blocking the rotation of the turnstile (2). The blocking device (14) consist of the simplest possible, identical individual parts, which can be simply adjusted or readjusted to different cases of application and modes of operation. This is achieved by the blocking device (14) having a blocking member (15) which is connected nonrotatably to the turnstile (2). The blocking member is provided with blocking cams (18, 19, 20), whose number corresponds to the number of the cross wings (4, 5, 6), and is associated with two electromagnetically controllable blocking elements (16, 17). One of the blocking elements (16) brings about blocking of the counterclockwise rotation (arrow 22) in cooperation with a blocking cam (18, 19, 20), and the other blocking element (17) brings about blocking of the clockwise rotation (arrow 23) in cooperation with another blocking cam (18, 29, 20), wherein the blocking elements (16, 17) can be mechanically deflected from their blocking position from the blocking cams (18, 19, 20) in the opposite direction of rotation.

IPC 1-7

E06B 11/08

IPC 8 full level

E06B 11/06 (2006.01); **E06B 11/08** (2006.01)

CPC (source: EP US)

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Citation (examination)

DE 2731171 A1 19790125 - MALKMUS DOERNEMANN CAROLA

Cited by

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