

Title (en)

Mechanical turnstile

Title (de)

Mechanische Schwenktüre

Title (fr)

Portillon mécanique

Publication

EP 0742340 B1 19990324 (FR)

Application

EP 96400928 A 19960430

Priority

FR 9505515 A 19950510

Abstract (en)

[origin: EP0742340A1] The gate consists of an arm fixed to a vertical shaft (2) mounted on a base containing a mechanism which allows the arm to turn in an opening direction, comprising a threaded section (8) on the lower end of the shaft, able to engage with a member (20) which can be fixed from rotation by a friction assembly (12, 14, 15). The rotation of the vertical shaft is limited by a projection (38) on the shaft's lower end which engages with a clearance in a slot in the fixed member (20). The gate has a mechanism which returns it to the closed position after opening, using the spiral threads on the lower end of the shaft or a return spring. The friction assembly allows the gate to be opened in the reverse direction in an emergency and locating pins enable it to be re-positioned afterwards.

IPC 1-7

E06B 11/08; **E05F 1/06**

IPC 8 full level

E05F 1/06 (2006.01); **E06B 11/08** (2006.01)

CPC (source: EP)

E05F 1/066 (2013.01); **E06B 11/085** (2013.01); **E05Y 2900/40** (2013.01)

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