

Title (en)
TURNSTILE FOR THE PASSAGE OF PEOPLE

Publication
EP 0177684 B1 19890125 (DE)

Application
EP 85108777 A 19850713

Priority
DE 3434835 A 19840922

Abstract (en)
[origin: EP0177684A2] 1. A turnstile in which, in a housing (1), several blocking arm holders (3) with associated blocking arms (4), are connected at the same angular distance in a rotationally secure manner to a pivot extending vertically or inclined downwardly at approximately an angle of 45 degrees, and in which at any given time in the blocking position of the blocking arm (4), the pivot is lockable by means of a controllable blocking device against rotation in at least one direction of rotation or unlockable for rotation in one direction and each blocking arm (4) is held on its blocking arm holder (3) pivotable about a swivel axis (5) extending transversely to its longitudinal axis as well as also transversely to the pivot and is locked against pivoting by a locking arrangement provided on the blocking arm holder (3), but in the blocking position is convertible to swing out of the way into the released position about the swivel axis (5) by remote control by means of a stationary unlocking device, characterized in that every locking device consists of a toggle joint lever (6), which is hinged with one end on the blocking arm (4), with reference to its cross-sectional surface, at a hinge pin (7) extending at a spacing from and parallel to its swivel axis (5) and at the other end on the blocking arm holder (3), and on which engages a spring (10), which tends to press the toggle joint (6a) into an over dead-centre position of the lever against a stationary stop (9) on the blocking arm holder, and in that the unlocking device consists of a plunger (11) which is longitudinally movable on the blocking arm holder (3) transversely to the toggle joint lever (6) which plunger engages with one of its ends in the region of the toggle joint (6a) on the toggle joint lever (6), and the other end of which, on rotation of the turnstile, describes a path of motion, in which in the region of the blocking position of the appropriate blocking arm (4) a magnetically actuated release lever (12), which is secured to the housing, is held in such a manner that it can be pivoted in and out.

IPC 1-7
E06B 11/08

IPC 8 full level
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E06B 11/08 (2013.01)

Cited by
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