

Title (en)

TURNSTILE COMPRISING A LOCKING ARM THAT CAN BE PIVOTED PARALLEL TO THE MAIN ROTATIONAL AXIS

Title (de)

DREHSPERRE MIT EINEM PARALLEL ZUR HAUPTDREHACHSE SCHWENKBAREN SPERRARM

Title (fr)

TOURNIQUET POURVU D'UN BRAS DE BLOCAGE POUVANT PIVOTER PARALLELEMENT A L'AXE DE ROTATION PRINCIPAL

Publication

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Application

**EP 06775832 A 20060810**

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Abstract (en)

[origin: US2009307976A1] The invention relates to a rotary lock which is used to control the passage of people and comprises a locking unit that can be blocked and unblocked, can be rotated about an inclined rotational axis, and comprises preferably three blocking arms (2) which can successively, in progressive steps, be brought from a position blocking the passage of a person into a position freeing the passage of a person. In the event of a breakdown or danger, the unhindered passage of any number of people is enabled by locking a respective blocking arm (2) on a bearing plate (4) carrying the blocking arms (2) in an articulated manner (4), by means of a locking element (7) engaging in an opening (8). In the event of a breakdown, the locking element (7) of the blocking arm (2) located in the blocking position is mechanically released from the engagement in the opening (8), and an eccentric force applied to the blocking arm (2) pivots the same out of the normal position thereof into the release position thereof. When the breakdown is over, the blocking arm (2) in question is temporarily blocked and automatically brought back into the normal position thereof by rotating the bearing plate (4) by less than a progressive step, as a result of the forced rotation thereof in relation to the bearing plate (4).

IPC 8 full level

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