

Title (en)
Turnstile

Title (de)
Dreh Sperre

Title (fr)
Tourniquet

Publication
EP 1609942 A1 20051228 (DE)

Application
EP 04014525 A 20040621

Priority
EP 04014525 A 20040621

Abstract (en)
The turning barrier with drive has a check element (2), movable in down-sloping axis and a single check arm (1) to close the passage (5) in locking position through 360[deg]. It has an access authorization reader (7), a person sensor (8), whereby the check arm turns into release position on valid reading of access authorization by access authorization reader, when the person sensor registers the user (10). The check arm further comes to closing position in a second partial movement in the detection range (9) of person sensor. The drive for the check element is through an electric motor which, however, can also be provided by a pneumatic actuation.

Abstract (de)
Eine Dreh Sperre für einen Durchgang (5) weist ein ein drehbares Sperrelement (2) mit einem einzigen Sperrarm (1) auf, der den Durchgang (5) in der Sperrstellung sperrt und zwischen den Sperrstellungen jeweils um 360° verdreht wird. Ferner sind ein Zugangsberechtigungsleser (7) und ein Personensensor (8) vorgesehen, dessen Detektionsbereich (9) vor dem Sperrarm (1) in dessen Sperrstellung liegt. <IMAGE>

IPC 1-7
E06B 11/08; **G07C 9/02**

IPC 8 full level
E06B 11/08 (2006.01); **G07C 9/02** (2006.01); **G07C 9/00** (2006.01)

CPC (source: EP US)
E06B 11/08 (2013.01 - EP US); **G07C 9/15** (2020.01 - EP US); **G07C 9/20** (2020.01 - EP US)

Citation (applicant)
EP 0804676 B1 20020403 - SKIDATA AG [AT]

Citation (search report)
[DA] EP 0804676 A1 19971105 - SKIDATA GMBH [AT]

Cited by
ITUB20153672A1; WO2017046173A1; WO2015135510A1; WO2024056158A1; WO2023131382A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1609942 A1 20051228; **EP 1609942 B1 20061129**; AT E347016 T1 20061215; DE 502004002179 D1 20070111; US 2006000144 A1 20060105; US 7392617 B2 20080701

DOCDB simple family (application)
EP 04014525 A 20040621; AT 04014525 T 20040621; DE 502004002179 T 20040621; US 15720905 A 20050620