

Title (en)
Turnstile

Title (de)
Dreh Sperre

Title (fr)
Tourniquet

Publication
EP 1705337 A3 20110914 (DE)

Application
EP 06003670 A 20060223

Priority
DE 102005010714 A 20050309

Abstract (en)
[origin: EP1705337A2] Rotating catch comprises a shaft (4) arranged on a support (1) and fixed to an arm (5) which extends through a passage when in the locking position and a sensor for detecting a force (F) exerted on the arm in the locking position and for actuating a safety device when a prescribed force is exceeded. Preferred Features: The sensor detects the force acting on the arm from above. The prescribed force is determined in such a way that it is one third of the gravitational force of an adult person which acts on the free end of the arm in the locking position. The safety device has an alarm unit (13).

IPC 8 full level
E06B 11/08 (2006.01)

CPC (source: EP US)
E06B 11/08 (2013.01 - EP US)

Citation (search report)

- [XY] WO 9300480 A1 19930107 - SOLTREPAC LTD [GB]
- [Y] DE 3641775 A1 19880616 - WANZL KG RUDOLF [DE]
- [Y] US 1841132 A 19320112 - KENNEDY EDWARD J, et al
- [A] DE 3113553 A1 19821021 - SIEGEL GEB GMBH CO KG [DE]

Cited by
EP2000621A1; CN105134060A; CN104675313A; CN105134061A

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1705337 A2 20060927; EP 1705337 A3 20110914; DE 102005010714 A1 20060914; US 2006225351 A1 20061012; US 7627984 B2 20091208

DOCDB simple family (application)
EP 06003670 A 20060223; DE 102005010714 A 20050309; US 37245506 A 20060309