

Title (en)
CONTROL METHOD AND SYSTEM FOR ENTRANCE OR EXIT

Publication
EP 0423016 B1 19930721 (FR)

Application
EP 90402800 A 19901009

Priority
FR 8913183 A 19891010

Abstract (en)
[origin: EP0423016A1] The installation is comprised of a gate of which the leaf (3) is supported by a vertical shaft (5) rotationally driven by motor (9) servo-controlled by a control system which includes a photoelectric cell capable of detecting the penetration of a person in a corresponding passage, in the authorized direction, in order to make the shaft (5) of the gate turn in the opening direction. The installation is also comprised of a central system for managing the operation of the gate and for actuating the motor (9) in one direction and in the opposite direction, and such managing system is servocontrolled by electromechanically control means (17) for both directions of rotation of the shaft (5) of the gate (2) as well as for the angular position of said shaft. In the case of rotation of the gate in an unauthorized direction, while the gate was previously closed or during its opening, this managing system is capable of controlling on the one hand the operation of a warning apparatus and on the other hand maintaining in operation or setting in operation a device (13, 14) for braking the shaft (5) of the gate, such braking device being capable of slowing down the shaft through out its rotation in the unauthorized direction while allowing such rotation under the effect of a pushing force exceeding a predetermined value.

IPC 1-7
E05F 15/20; **E06B 11/00**

IPC 8 full level
E05F 15/12 (2006.01); **E05F 15/20** (2006.01); **E06B 11/08** (2006.01)

CPC (source: EP)
E05F 15/627 (2015.01); **E05F 15/74** (2015.01); **E06B 11/085** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2400/324** (2013.01); **E05Y 2400/354** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2600/452** (2013.01); **E05Y 2900/40** (2013.01)

Cited by
DE102016114239A1; EP0643189A1; EP2000621A1; DE4432922A1; GB2544362A; GB2544362B; FR2868112A1; CN101793118A; US5355630A; EP1990777A3; EP2687664A3; DE102005031226A1; EP1835112A3; EP0617188A1; EP0563017A3; TR27114A; EP2690247A2; US9761076B2; WO9724503A1; WO9303251A1; WO2014169886A1; WO9300480A1

Designated contracting state (EPC)
BE CH DE ES FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0423016 A1 19910417; **EP 0423016 B1 19930721**; DE 69002299 D1 19930826; DE 69002299 T2 19931104; ES 2044490 T3 19940101; FR 2652854 A1 19910412; FR 2652854 B1 19950623; WO 9105934 A1 19910502

DOCDB simple family (application)
EP 90402800 A 19901009; DE 69002299 T 19901009; ES 90402800 T 19901009; FR 8913183 A 19891010; FR 9000720 W 19901009