

Title (en)

Security integrated system for motorised rolling gates

Title (de)

Integriertes System mit Sicherheitsfunktion für motorangetriebenen Rolltoren

Title (fr)

Système intégré de sécurité pour des portes enroulables entraînées par moteur

Publication

EP 1731707 A3 20070307 (EN)

Application

EP 05425798 A 20051114

Priority

IT RM20050294 A 20050608

Abstract (en)

[origin: EP1731707A2] Security integrated system (100) for a motorised rolling gate, comprising the use of a motor gear (10) and of a brake (50), that is automatically activated when the motor gear is deactivated, characterised in that it comprises an encoder (20,21,30,31) for detecting the current number of revolutions (10), the motor gear (10) being deactivated when said number of revolutions exceeds a predefinable threshold. In particular, the brake comprises a brake lining (20) which rotates with the same frequency as the motor gear (10), characterised in that said encoder (20,21,30,31) is realised by means of a first element (21) placed on the brake lining (20) and a second element (31) placed on a non-rotatable support (30), in such a way that said first and second elements (21,31) face each other at each revolution of the motor gear, thus sensing the execution of each revolution of the same.

IPC 8 full level

E06B 9/84 (2006.01); **E05D 13/00** (2006.01)

CPC (source: EP)

E05F 15/603 (2015.01); **E06B 9/84** (2013.01); **E05F 15/00** (2013.01); **E05F 15/72** (2015.01); **E05Y 2201/21** (2013.01); **E05Y 2201/246** (2013.01); **E05Y 2201/26** (2013.01); **E05Y 2201/266** (2013.01); **E05Y 2201/434** (2013.01); **E05Y 2201/462** (2013.01); **E05Y 2400/36** (2013.01); **E05Y 2400/506** (2013.01); **E05Y 2400/514** (2013.01); **E05Y 2400/532** (2013.01); **E05Y 2400/814** (2013.01); **E05Y 2400/822** (2013.01); **E05Y 2600/454** (2013.01); **E05Y 2900/00** (2013.01); **E05Y 2900/106** (2013.01)

Citation (search report)

- [X] DE 2503238 A1 19760729 - GRESCHBACH STAHLBAU
- [A] EP 0775799 A1 19970528 - SIMU [FR]
- [A] WO 9211432 A1 19920709 - NOMAFA AB [SE]

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 1731707 A2 20061213; **EP 1731707 A3 20070307**; IT RM20050294 A1 20061209

DOCDB simple family (application)

EP 05425798 A 20051114; IT RM20050294 A 20050608