

Title (en)

An anti-intrusion device for doors and windows in general

Title (de)

Einbruchschutzvorrichtung für Türen und Fenster

Title (fr)

Dispositif anti-intrusion pour portes et fenêtres

Publication

**EP 2400090 A1 20111228 (EN)**

Application

**EP 11166453 A 20110517**

Priority

IT PI20100061 A 20100521

Abstract (en)

The present invention concerns an anti-intrusion device (1) for doors and windows comprising: - A barrage element (2) and support means (3) for holding the barrage element (2) opposed to the door or the window in such a way as to impede the opening of such door or window. In accordance with the invention, the device (1) further includes: - A winder (5) placed in use above the barrage element (2) and; - At least one tape (10) connected to the barrage element (2) on one side and to the winder (5) on the opposite side in such a way that a rotation of the winder (5) in a direction causes a winding of the tape (10) on the winder (5) and a rotation in the opposite direction causes an unwinding of the tape (10) from the winder (5) with relative lowering of the barrage element (2) on the support means (3) for causing the block of the door. Further, the winder (5) comprises an electric motor (6) and a rotating shaft (7) connected to the motor (6), the rotating shaft (7) being provided with at least one pulley (8) on which to wind/unwind said tape (10).

IPC 8 full level

**E05C 19/00** (2006.01); **E05B 47/00** (2006.01); **E05B 53/00** (2006.01)

CPC (source: EP)

**E05B 47/0012** (2013.01); **E05B 53/003** (2013.01); **E05C 19/003** (2013.01); **E05B 2047/0017** (2013.01); **E05B 2047/0058** (2013.01); **E05B 2047/0087** (2013.01); **E05B 2047/0094** (2013.01)

Citation (applicant)

- DE 329455 C 19201126 - ALFRED DOSE
- DE 362198 C 19221024 - OTTO BAUER
- US 4349233 A 19820914 - BULLARD DAVID E, et al

Citation (search report)

- [A] US 4349223 A 19820914 - SPECTOR NANCY R
- [A] DE 329455 C 19201126 - ALFRED DOSE
- [A] DE 362198 C 19221024 - OTTO BAUER
- [A] US 1693481 A 19281127 - HARPER SAMUEL A

Cited by

ITMO20130212A1; IT201700072347A1; GR1010499B; US2015284979A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2400090 A1 20111228**; **EP 2400090 B1 20141224**; **EP 2400090 B8 20150225**; IT 1400140 B1 20130517; IT PI20100061 A1 20111122

DOCDB simple family (application)

**EP 11166453 A 20110517**; IT PI20100061 A 20100521