

Title (en)  
Security device for a roller shutter

Title (de)  
Sicherungseinrichtung für einen Rolladen

Title (fr)  
Dispositif de sécurité pour volet roulant

Publication  
**EP 1092833 B1 20020605 (DE)**

Application  
**EP 99120243 A 19991011**

Priority  
• EP 99120243 A 19991011  
• DE 29917407 U 19991007

Abstract (en)  
[origin: EP1092833A1] The security system for the roller blinds (5) on a building has an alarm system built into a housing (8) on the side members. This has sensors (9,10) with sensor transmitters (13,14) adjacent to them. When activated, the sensors are triggered when the blind is raised and alarm responds. Alarm is set ready when shutter is pulled down, by sequential activation of sensor transmitters. With authorized raising of shutter, upper transmitter is moved out of range of its sensor as shutters open, alarm is not activated. Unauthorized opening with break-in tool results in distance between transmitters not changing as shutters are moved in block, so alarm is activated. Sensors are magnetic switches or switch contacts responsive to static magnetic or electromagnetic influence.

IPC 1-7  
**E06B 9/86**

IPC 8 full level  
**E06B 9/86** (2006.01)

CPC (source: EP)  
**E06B 9/86** (2013.01)

Cited by  
DE102005019326B3; GB2573266A; GB2573266B; US9140063B2; DE202018106108U1; WO2010040959A1; WO2014066158A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**DE 29917407 U1 19991230**; EP 1092833 A1 20010418; EP 1092833 B1 20020605

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