

Title (en)

Security device for a roller shutter formed of slats

Title (de)

Sicherung für aus Stäben zusammengesetzten Rolladen

Title (fr)

Dispositif de sécurité pour un volet à rouleau constitué par des lattes

Publication

EP 0648913 B1 19980318 (DE)

Application

EP 94113760 A 19940902

Priority

DE 4335032 A 19931014

Abstract (en)

[origin: EP0648913A2] In order further to develop a security device for a roller shutter or rolling shutter door which is made from slats and can be wound up onto a shaft and unwound therefrom, in particular if the last slat of said shutter or door is provided with at least one laterally extensible securing bolt, such that tampering can be eliminated, the intention being for this to be achieved in a simple manner with cost-effective means and for the security device to be fitted on the roller shutter in a simple manner, it is proposed that the shaft (7) has a locking mechanism formed by a cam plate (21), arranged on at least one side of the shaft (7), and a laterally projecting safety finger (22) which interacts with said cam plate and is provided on the uppermost slat (2.1) close to the shaft, and by a locking lug (23) which is fixed to the framework and engages beneath the safety finger (22) when the roller shutter is closed, the cam plate (21) exhibiting a clearance (21.2) extending to the circumference of the shaft (7), and the uppermost slat (2.1) of the roller shutter (1) being fastened on the shaft (7) such that, when the roller shutter (1) is drawn up, the safety finger (22) is guided into the clearance (21.2) of the cam plate (21) and held there. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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EP 0648913 A2 19950419; EP 0648913 A3 19950816; EP 0648913 B1 19980318; AT E164205 T1 19980415; AU 676366 B2 19970306; AU 7416694 A 19950504; CA 2132501 A1 19950415; DE 4335032 A1 19950420; DE 59405467 D1 19980423; ES 2115827 T3 19980701; PL 174577 B1 19980831; PL 305418 A1 19950418; US 5474117 A 19951212; ZA 947910 B 19960611

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