

Title (en)

Automatic locking device for roller shutter.

Title (de)

Sperrvorrichtung für Rolllstoren.

Title (fr)

Dispositif de verrouillage automatique de volets mécaniques.

Publication

EP 0530168 B1 19950628 (FR)

Application

EP 92870126 A 19920819

Priority

BE 9100777 A 19910823

Abstract (en)

[origin: EP0530168A1] Automatic locking device for mechanical shutters comprising a winding shaft (1) on which the screen (3) of the shutter which consists of slats (31) of the shutter is wound by means of a driving mechanism; characterised in that it comprises: - at least one spring element (5) designed in such a way as to push the screen (3) of the shutter outwards with respect to the winding shaft (1) during the unwinding of the said shutter; - at least one stop element (11) consisting of a series of teeth-shaped projections (13) arranged at at least one lateral end of the screen (3) and opposite one of the upper slats (31) of the screen (3) when the shutter is completely unwound; - and in that at least one of the upper slats (31) of the screen (3) consists of a tubular profile (33) having, at at least one lateral end, a blocking end-piece (35) capable of being blocked in the corresponding stop element (11), when it is attempted to raise the screen (3) of the unwound shutter from the outside. <IMAGE>

IPC 1-7

E06B 9/86

IPC 8 full level

E06B 9/86 (2006.01); **E06B 9/80** (2006.01)

CPC (source: EP)

E06B 9/86 (2013.01); **E06B 2009/802** (2013.01)

Cited by

EP1300542A1; EP1300540A1; EP3816390A1; EP0648913A3; AU676366B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0530168 A1 19930303; **EP 0530168 B1 19950628**; AT E124494 T1 19950715; BE 1005206 A3 19930525; DE 69203182 D1 19950803; DE 69203182 T2 19960201

DOCDB simple family (application)

EP 92870126 A 19920819; AT 92870126 T 19920819; BE 9100777 A 19910823; DE 69203182 T 19920819