

Title (en)

Foldaway security shutter which can be folded and packed

Title (de)

Sicherheitsrolladen der zusammengefaltet und gepresst werden kann

Title (fr)

Volet roulant de sécurité pouvant être replié et tassé

Publication

**EP 0756062 B1 20060405 (EN)**

Application

**EP 96112078 A 19960726**

Priority

IT TO950635 A 19950728

Abstract (en)

[origin: EP0756062A1] A foldaway security shutter is described, including a plurality of transverse elements (10) which slide between side guides (3) placed on the two opposite sides of an opening to be closed. The shutter has a closed position wherein the elements (10) extend along the guides, and an open position wherein the elements are assembled at the guides end. Each transverse element (10) comprises a first pair of lined up transverse rollers (5) and a second pair of lined up transverse rollers (6), wherein each pair of rollers (5, 6) engages with a corresponding pair of side guides (35, 36), parallel and placed side by side along the opening to be closed. Close to said guides end, the guides bend and form terminal parallel stretches (32, 33), spaced by a distance equal to the longitudinal dimension (L) of the elements (10), so that in the closed position the transverse elements (10) are assembled, folded and packed between the terminal stretches (32, 33). <IMAGE> <IMAGE>

IPC 8 full level

**E06B 9/06** (2006.01); **E06B 9/18** (2006.01)

CPC (source: EP)

**E06B 9/063** (2013.01); **E06B 9/0669** (2013.01)

Cited by

ITRM20110267A1; US5957181A; US6035917A; ITRM20110351A1; DE102005008225B4; ITUA20163351A1; US6640871B2; WO9842942A1; US6394167B1; US6886620B2; EP3176356A2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0756062 A1 19970129**; **EP 0756062 B1 20060405**; DE 69636003 D1 20060518; DE 69636003 T2 20061123; IT 1280449 B1 19980120; IT TO950635 A0 19950728; IT TO950635 A1 19970128

DOCDB simple family (application)

**EP 96112078 A 19960726**; DE 69636003 T 19960726; IT TO950635 A 19950728