

Title (en)
Roller shutter box

Title (de)
Rolladenkasten

Title (fr)
Caisson de volet roulant

Publication
EP 1213435 A3 20030917 (DE)

Application
EP 01128855 A 20011204

Priority
• DE 20021535 U 20001220
• DE 20020602 U 20001205
• DE 20103986 U 20010307

Abstract (en)
[origin: EP1213435A2] The armor rollshutter (5) sits in a receiver space (11) adjoining an outlet set with shutter parallel to the top window frame bar (22). The coupling sector has a cross-rail and there is a coupling sheet on the space exterior to join the rail to the outer sheet (11) of the space (11). The rail is joined inside to the inner sheet (112) of the space via a coupling block itself recessed to take an inspection or maintenance cover (63). The space cover and related inner space sheet part are in two parts and tongue-and-grooved together. The shutter space (11) has an upper safety stop (15) to prevent excessive shutter lift. The shutter box is pre-fitted to the window frame.

IPC 1-7
E06B 9/17

IPC 8 full level
E06B 9/17 (2006.01)

CPC (source: EP)
E06B 9/17007 (2013.01); **E06B 2009/17069** (2013.01)

Citation (search report)
• [X] FR 2783864 A1 20000331 - ECRAN SYSTEM [FR]
• [X] DE 29811577 U1 19981001 - FENSTERZARGEN & STUROKA WERK R [DE]
• [X] DE 20002983 U1 20000713 - BRUCKBAUER SIEGFRIED [DE]
• [A] DE 3419206 A1 19860206 - JOMA DAEMMSTOFFWERK JOSEF MANG [DE]
• [A] DE 9102702 U1 19910523
• [A] US 5067540 A 19911126 - BESLER ARMIN [DE]
• [A] DE 3000850 A1 19810730 - WERU GMBH & CO KG [DE]
• [A] DE 3311668 A1 19841004 - LOEFFLER WALTER

Cited by
DE102014102381A1; DE102009052010A1; EP3511511A1; DE102009052009A1; EP3216969A1; EP1775416A3; DE102015102015B3; CN111383823A; DE102009052010B4; EP2098675A1; DE102009052009B4; EP3059375A1; EP2924226A2; DE202008015386U1; US10161182B2; US10648228B2; DE202004021567U1; DE202014010289U1; DE102015102302A1; US8496768B2; US9080377B2; US9828800B2; US10724295B2; US8393080B2; US8944134B2; US9850702B2; US10604997B2; US8607838B2; US8944133B2; US9328553B2; US9476252B2; US10030438B2; US10604996B2

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1213435 A2 20020612; EP 1213435 A3 20030917; EP 1213435 B1 20060222; AT E318363 T1 20060315; DE 50108992 D1 20060427

DOCDB simple family (application)
EP 01128855 A 20011204; AT 01128855 T 20011204; DE 50108992 T 20011204