

Title (en)  
Roller shutter

Title (de)  
Rolladen

Title (fr)  
Volet roulant

Publication  
**EP 1683941 A1 20060726 (DE)**

Application  
**EP 05014170 A 20050630**

Priority  
DE 202004020243 U 20041231

Abstract (en)  
An improved design of roller shutter, especially with hollow profile interlocking sections, has reinforcing grooves (20, 30) pressed into the outer walls. The grooves are applied to the outside wall sections between the inner bulkheads (7) and/or onto the outside wall section over the cross bulkheads. The grooves are applied to both sides of the shutter either at the same height or in an alternating design.

IPC 8 full level  
**E06B 9/15** (2006.01); **E06B 9/165** (2006.01); **E06B 9/17** (2006.01)

CPC (source: EP)  
**E06B 9/15** (2013.01)

Citation (applicant)  
• DE 19513700 C1 19960718 - SHG SINNER HANDELSGESELLSCHAFT [DE]  
• DE 29509130 U1 19950928 - BRUCKBAUER SIEGFRIED [DE]

Citation (search report)  
• [X] DE 2658107 A1 19780706 - STAHL GURT BANDWEBEREI  
• [X] CH 421459 A 19660930 - XILOS S A S PER L IND GENERALE [IT]  
• [X] FR 2086840 A5 19711231 - MISCHLER FERMETURES  
• [X] DE 2216695 A1 19731011 - WOLF ALUMINIUM VERFORMUNG  
• [X] DE 9317565 U1 19940127 - BRAUN GMBH & CO KG [DE]  
• [X] FR 2683584 A1 19930514 - BONDET ETS ANDRE [FR]  
• [X] WO 2004083588 A1 20040930 - TECN STIL DI GIUSEPPE CAPONE [IT], et al  
• [DA] DE 29509130 U1 19950928 - BRUCKBAUER SIEGFRIED [DE]  
• [DA] DE 19513700 C1 19960718 - SHG SINNER HANDELSGESELLSCHAFT [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

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