

Title (en)
Profile for roller shutter

Title (de)
Profilelement zum bilden eines Rolladens

Title (fr)
Profilé pour volet roulant

Publication
EP 2248986 A3 20110105 (DE)

Application
EP 10005560 A 20040519

Priority
• EP 04733775 A 20040519
• DE 20308239 U 20030523

Abstract (en)
[origin: EP2248986A2] A plastic window shutter consists of a series of interlocking profiled plastic battens forming a front wall and a back wall which are separated by a void. The void is part-filled with insulating material and linked to the front wall by an aperture (7). The insulating material is esp. part of a noise-deadening element (8) which is in-line with the aperture (7).

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

CPC (source: EP)
E06B 9/15 (2013.01); **E06B 2009/17069** (2013.01)

Citation (search report)
• [X] DE 1857655 U 19620830 - GRUENZWEIG & HARTMANN [DE]
• [A] DE 2505682 A1 19760819 - HESS HERBERT
• [A] DE 3032946 A1 19820415 - TISCHENDORF JOACHIM PROF DR IN [DE]
• [A] US 4536929 A 19850827 - RIEXINGER SEN GUSTAV [DE], et al
• [A] US 4628982 A 19861216 - LABELLE H M ROBERT [CA]

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

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
EP 2248986 A2 20101110; EP 2248986 A3 20110105; EP 2248986 B1 20111102; AT E470779 T1 20100615; AT E531890 T1 20111115; DE 20308239 U1 20030814; DE 502004011267 D1 20100722; EP 1629173 A1 20060301; EP 1629173 B1 20100609; ES 2346970 T3 20101022; ES 2376981 T3 20120321; PL 1629173 T3 20101130; PL 2248986 T3 20120330; PT 1629173 E 20100923; PT 2248986 E 20120202; WO 2004104356 A1 20041202

DOCDB simple family (application)
EP 10005560 A 20040519; AT 04733775 T 20040519; AT 10005560 T 20040519; DE 20308239 U 20030523; DE 502004011267 T 20040519; EP 04733775 A 20040519; EP 2004005382 W 20040519; ES 04733775 T 20040519; ES 10005560 T 20040519; PL 04733775 T 20040519; PL 10005560 T 20040519; PT 04733775 T 20040519; PT 10005560 T 20040519