

Title (en)  
Frameless window for passenger vehicle

Title (de)  
Rahmenloses Fahrzeugfenster

Title (fr)  
Fenêtre sans cadre pour voiture

Publication  
**EP 1936087 A1 20080625 (EN)**

Application  
**EP 06425845 A 20061219**

Priority  
EP 06425845 A 20061219

Abstract (en)  
Frameless window (1, 2) which comprises a transparent pane (1), the lower edge of which is fixed in the slot (3) of one or more holders (2) by means of at least one layer of adhesive (4) which has an elastic modulus comprised between 10 and 90 MPa at room temperature, wherein the width of the slot (3) of at least one holder (2) is at least twice the thickness of the pane (1).

IPC 8 full level  
**E05F 11/38** (2006.01)

CPC (source: EP)  
**E05F 11/385** (2013.01); **E05Y 2600/00** (2013.01); **E05Y 2600/526** (2013.01); **E05Y 2600/626** (2013.01); **E05Y 2800/45** (2013.01); **E05Y 2800/46** (2013.01); **E05Y 2800/692** (2013.01); **E05Y 2900/508** (2013.01); **E05Y 2900/55** (2013.01)

Citation (applicant)  
• WO 0198613 A2 20011227 - GLAVERBEL [BE], et al  
• DE 4340363 A1 19950601 - GRIWE INNOVATIVE UMFORMTECHNIK [DE]  
• FR 2762350 A1 19981023 - ROCKWELL LVS [FR]  
• WO 2004016894 A2 20040226 - SAINT GOBAIN [FR], et al  
• EP 1617028 A1 20060118 - BROSE FAHRZEUGTEILE [DE], et al

Citation (search report)  
• [YA] EP 1617028 A1 20060118 - BROSE FAHRZEUGTEILE [DE], et al  
• [YA] EP 1239016 A1 20020911 - SIKA AG [CH]  
• [Y] US 3832274 A 19740827 - OWSTON W  
• [A] DE 19902059 A1 19990610 - AUDI AG [DE]

Cited by  
WO2019115078A1; WO2017097495A1; RU2752069C1; JP2021505800A; EP4219329A1; CN107208441A; RU2687685C1; WO2019115079A1; US11274485B2; US11261641B2; WO2019115080A1; US11952819B2; US10323448B2

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK RS

DOCDB simple family (publication)  
**EP 1936087 A1 20080625; EP 1936087 B1 20151104; ES 2554923 T3 20151228**

DOCDB simple family (application)  
**EP 06425845 A 20061219; ES 06425845 T 20061219**