

Title (en)
Double glazing

Title (de)
Doppelverglasung

Title (fr)
Panneau à double vitrage

Publication
EP 1052362 A3 20020123 (FR)

Application
EP 00401256 A 20000509

Priority
FR 9905907 A 19990510

Abstract (en)
[origin: EP1052362A2] The panel, especially for a double-glazed window, has its two panes of glass (V1, V2) fixed to a spacer (5b) which forms part of the window frame by an adhesive (20) with a rigidity modulus within a range of values of between 20 and 100 MPa and a shear strength above 10 MPa, so that the glass panes contribute to the rigidity of the panel. The adhesive is applied in a bead 1 - 2 mm thick about 1 cm wide. The glass panes are also sealed to the spacer by a mastic (22) or adhesive forming a vapour barrier.

IPC 1-7
E06B 3/24; **E06B 3/56**

IPC 8 full level
E06B 3/22 (2006.01); **E06B 3/24** (2006.01); **E06B 3/30** (2006.01); **E06B 3/56** (2006.01)

CPC (source: EP)
E06B 3/221 (2013.01); **E06B 3/24** (2013.01); **E06B 3/306** (2013.01); **E06B 3/56** (2013.01); **E06B 2003/228** (2013.01)

Citation (search report)

- [XY] FR 2708030 A1 19950127 - ALCAN FRANCE [FR]
- [Y] WO 9001519 A1 19900222 - HUELS TROISDORF [DE]
- [YA] WO 9108366 A1 19910613 - OMNIGLASS LTD [CA]
- [YA] WO 8901014 A1 19890209 - DOW CHEMICAL CO [US]
- [Y] DE 19736393 A1 19990225 - HUELS TROISDORF [DE]
- [YA] DE 3532814 A1 19870402 - EBERBACH ROLF
- [A] WO 9914169 A1 19990325 - ANDERSEN CORP [US]
- [A] WO 9825001 A2 19980611 - FRANCE JOHN S [US]
- [A] EP 0695848 A2 19960207 - SAINT GOBAIN VITRAGE [FR]

Cited by
US7293391B2; PL126433U1; NL1023449C2; EP1477632A3; EP1816300A1; US7097724B2; US6803412B2; US7189781B2; US7204902B2; US7414090B2; US6974518B2; US8080308B2; EP2525039A2

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

DOCDB simple family (publication)
EP 1052362 A2 20001115; **EP 1052362 A3 20020123**; FR 2793515 A1 20001117; FR 2793515 B1 20010727

DOCDB simple family (application)
EP 00401256 A 20000509; FR 9905907 A 19990510