

Title (en)
ADHESIVE FOR THE PRODUCTION OF COMPOSITE GLASS

Title (de)
KLEBSTOFF ZUR HERSTELLUNG VON VERBUNDGLAS

Title (fr)
ADHESIF POUR LA PRODUCTION DE VERRE FEUILLETE

Publication
EP 1117745 A1 20010725 (DE)

Application
EP 99940193 A 19990810

Priority
• DE 19836695 A 19980813
• EP 9905832 W 19990810

Abstract (en)
[origin: DE19836695A1] An adhesive for the production of laminated glass contains (meth)acrylate monomers, (meth)acrylate-functional oligomers, coupling agent and photoinitiator, and optionally also unreactive (meth)acrylate homo- and co-polymers, fillers, tackifiers and stabilizers. An adhesive for the production of laminated glass has a viscosity of 5-300 Pa.s and a liquid limit of 5-800 Pa and contains (a) 5-90 wt.% (meth)acrylate monomers, (b) 5-60 wt.% (meth)acrylate-functional oligomers, (c) 0-15 wt.% unreactive (meth)acrylate homo- and co-polymers, (d) 0-30 wt.% fillers, (e) 0-15 wt.% plasticizers, (f) 0.3-3 wt.% coupling agent, (g) 0.1-3 wt.% photoinitiator, (h) 0-5 wt.% tackifiers and (i) 0-2 wt.% stabilizers. An Independent claim is also included for a process for the production of this adhesive by mixing the components at 15-70 deg C in a planetary dissolver, a blade mixer and/or a turbulent mixer.

IPC 1-7
C09J 4/00; **C08F 246/00**; **C09J 4/06**; **C08F 290/06**; **C03C 27/12**; **B32B 17/10**

IPC 8 full level
C03C 27/12 (2006.01); **B32B 17/10** (2006.01); **C08F 290/06** (2006.01); **C09J 4/06** (2006.01); **C09J 155/00** (2006.01)

CPC (source: EP)
B32B 17/10036 (2013.01); **B32B 17/10697** (2013.01); **B32B 17/10706** (2013.01); **C08F 290/062** (2013.01); **C09J 155/005** (2013.01)

Citation (search report)
See references of WO 0009619A1

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)
DE 19836695 A1 20000224; EP 1117745 A1 20010725; JP 2002522620 A 20020723; WO 0009619 A1 20000224

DOCDB simple family (application)
DE 19836695 A 19980813; EP 9905832 W 19990810; EP 99940193 A 19990810; JP 2000565058 A 19990810