

Title (en)

POINT ATTACHMENT SYSTEMS FOR LAMINATED GLASS AND A PROCESS FOR PREPARING SAME

Title (de)

PUNKTBEFESTIGUNGSSYSTEM FÜR VERBUNDGLAS UND VERFAHREN ZUR HERSTELLUNG DESSELBEN

Title (fr)

SYSTEMES DE POINT DE FIXATION POUR VERRE FEUILLETE ET PROCEDE DE REALISATION

Publication

**EP 1540123 A1 20050615 (EN)**

Application

**EP 03772175 A 20030731**

Priority

- US 0324118 W 20030731
- US 40023402 P 20020731

Abstract (en)

[origin: WO2004011755A1] The present invention is a direct-point attachment glazing (bolted glass) system (20) comprising: (1) a polymer interlayer (28); (2) at least one sheet of glass (24); (3) at least one receptor for an attachment means; and (4) at least one attachment means, wherein the polymer interlayer (28) is bonded on at least one surface to at least one sheet of glass (24), and wherein at least one receptor (22) is adhesively bonded to the glass by the polymer interlayer (28) in such a way that the receptor (28) is positioned to mechanically accept the attachment means.

IPC 1-7

**E06B 3/54**; **E04B 2/92**; **E04F 13/14**; **B32B 17/10**

IPC 8 full level

**E04B 2/88** (2006.01); **B32B 17/10** (2006.01); **C03C 27/12** (2006.01); **C09J 5/00** (2006.01); **C09J 123/26** (2006.01); **C09J 201/00** (2006.01); **E04B 2/72** (2006.01); **E04C 2/04** (2006.01); **E04F 13/08** (2006.01); **E04F 13/14** (2006.01); **E06B 3/54** (2006.01); **F16B 11/00** (2006.01); **F16B 37/04** (2006.01)

CPC (source: EP)

**B32B 17/10036** (2013.01); **B32B 17/10165** (2013.01); **B32B 17/10293** (2013.01); **B32B 17/10743** (2013.01); **E04F 13/0835** (2013.01); **E04F 13/0837** (2013.01); **E04F 13/145** (2013.01); **E06B 3/5436** (2013.01); **F16B 11/006** (2013.01); **F16B 37/048** (2013.01)

Citation (search report)

See references of WO 2004011755A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 2004011755 A1 20040205**; AU 2003257997 A1 20040216; CA 2494110 A1 20040205; CN 1671942 A 20050921; EP 1540123 A1 20050615; JP 2005534596 A 20051117; MX PA05001119 A 20050428

DOCDB simple family (application)

**US 0324118 W 20030731**; AU 2003257997 A 20030731; CA 2494110 A 20030731; CN 03818418 A 20030731; EP 03772175 A 20030731; JP 2004524279 A 20030731; MX PA05001119 A 20030731