

Title (en)

Glass fibre reinforced spacer frame for insulating glazing and corner making method for the same

Title (de)

Abstandhalterahmen aus glasfaserverstärktem Kunststoff für Isolierglasscheiben und Verfahren zum Bilden von Ecken in einem solchen Abstandhalter

Title (fr)

Cadre intercalaire en matière plastique renforcée par des fibres de verre pour vitrage isolant et méthode pour la production d'angles dans ledit cadre

Publication

EP 0947659 A3 20001102 (DE)

Application

EP 99105901 A 19990324

Priority

DE 19814044 A 19980330

Abstract (en)

[origin: EP0947659A2] A spacing frame for insulating glass panes comprises a hollow profile section made of glass fiber reinforced plastics with corner sections (1-4). Shanks are located between the corners and contain a drying agent (9). The hollow profile has a cut at the corners, and the cuts (21) extend through the inner section to the outer section without penetrating the latter. Angled sections (11-14) reinforce the corners and the drying agent is enclosed in the shanks between stoppers.

IPC 1-7

E06B 3/663; **E06B 3/673**

IPC 8 full level

E06B 3/663 (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP)

E06B 3/66319 (2013.01); **E06B 3/67313** (2013.01)

Citation (search report)

- [A] EP 0103111 A2 19840321 - LINGEMANN HELMUT GMBH & CO [DE]
- [A] US 4660271 A 19870428 - LENHARDT KARL [DE]
- [A] DE 4341904 A1 19940616 - ROLLER ULRIKE [DE]
- [A] AT 377751 B 19850425 - STEINLEITNER WOLFGANG ING [AT]
- [A] DE 29618048 U1 19970123 - LISEC PETER [AT]
- [A] EP 0716207 A2 19960612 - GALAC LADISLAUS [AT], et al
- [A] DE 4428372 A1 19960215 - LENHARDT MASCHINENBAU [DE]

Cited by

DE102005037303A1; CN103334679A; EP1233136A1; AT512718A1; AT512718B1; CN115195020A; US10000963B2; US8769889B2; WO2006077096A1; WO2019179672A1; WO2006076934A1; EP3556984A1; WO2019201809A1; DE102009017705A1; US8615883B2; EP2746518A1; WO2018185281A1

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 0947659 A2 19991006; **EP 0947659 A3 20001102**; DE 19814044 A1 19991014

DOCDB simple family (application)

EP 99105901 A 19990324; DE 19814044 A 19980330