

Title (en)

Method and device for applying a spacer of plastic material onto a glass panel

Title (de)

Verfahren und Vorrichtung zum Auftragen eines plastischen Abstandhalters auf eine Glastafel

Title (fr)

Procédé et dispositif d'application d'un joint d'écartement en matériau plastique sur une plaque de verre

Publication

EP 0823531 B1 20011010 (DE)

Application

EP 97113811 A 19970809

Priority

DE 19632063 A 19960809

Abstract (en)

[origin: EP0823531A2] The method involves using an applicator with a nozzle (17) which is moved around the edge of the glass pane (33) to apply the strand of plastics so that the beginning and the end of the strand join together. A film (45) is applied over a length (l) of the glass pane and the thickness of the strand (35) by discharging from the nozzle over a line with a predetermined length (L), rising from the thickness of the film to a set thickness (D). At the end of the strand the surface (36) thickness tapers from this set thickness down to zero. The applicator comprises a nozzle, the mouth (24) of which has a virtually rectangular cross-section and is closable by a slide (26). A first drive is provided for operating the slide and a second drive moves the nozzle in one plane.

IPC 1-7

E06B 3/673; **B05C 5/02**; **B29C 47/02**

IPC 8 full level

B05C 5/02 (2006.01); **B29C 47/02** (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP)

B05C 5/0216 (2013.01); **E06B 3/6733** (2013.01)

Cited by

DE102013011390A1; DE102009035002A1; EP3278946A1; EP3279422A1; DE102006051321A1; KR101408111B1; US2018038154A1; IT201600082082A1; US11248414B2; WO2011009554A1; IT201900016250A1; US7404711B2; US11591846B2; DE102007045104A1; EP2420536A1; US8372909B2; US9085708B2

Designated contracting state (EPC)

AT DE FR GB IT

DOCDB simple family (publication)

EP 0823531 A2 19980211; **EP 0823531 A3 19990506**; **EP 0823531 B1 20011010**; AT E206797 T1 20011015; DE 19632063 C1 19980312; DE 59704843 D1 20011115

DOCDB simple family (application)

EP 97113811 A 19970809; AT 97113811 T 19970809; DE 19632063 A 19960809; DE 59704843 T 19970809