

Title (en)  
Method of manufacturing insulating glass panels with thermoplastic spacer

Title (de)  
Verfahren zum Herstellen von Isolierglasscheiben mit thermoplastischem Abstandhalter

Title (fr)  
Procédé pour la fabrication de vitres isolantes à écarteur thermoplastique

Publication  
**EP 0805254 B1 20021106 (DE)**

Application  
**EP 97105195 A 19970327**

Priority  
DE 19617198 A 19960429

Abstract (en)  
[origin: EP0805254A2] The method involves application of a thermoplastic strand (3) along the edges of a first pane, connection of the ends of the strand and placing a second pane on the first for adhesion by a thermo-plastic distance holder. The distance between the two glass panes (1) is reduced to a predetermined dimension, so that the thermo-plastic strand is compressed. The thermo-plastic strand (3) is formed sectionally with reduced width, so that the reduced width is greater than the predetermined dimension. The thermo-plastic strand is prefabricated and is formed in distances with reduced width (6). The thermo-plastic strand is directly extruded onto the first glass pane and in its extrusion is sectionally formed with the reduced width. It is produced with a nozzle, the mouth of which is narrowed on a time basis.

IPC 1-7  
**E06B 3/673**; **E06B 3/677**

IPC 8 full level  
**E06B 3/673** (2006.01); **E06B 3/677** (2006.01)

CPC (source: EP)  
**E06B 3/6733** (2013.01); **E06B 3/6775** (2013.01)

Cited by  
FR2861120A1; BE1027870B1; AT407279B; EP1002925A3; CN102549229A; EP3357884A4; US8101251B2; US8866590B2; WO2008107612A3; WO2011009554A1; EP1002925A2; US8375657B2; WO2015113080A1; US10385609B2; US11783925B2; US10403394B2; US10672508B2; US11164664B2; US11183282B2; US11527311B2; US9924235B2; US10069643B2; US10071395B2; US10166572B2; US10646897B2; US11173517B2; US11363318B2; US11457259B2; US11943351B2; WO2010111174A1; US9736028B2; US10027500B2; US10097367B2; US10225096B2; US10263803B2; US10361877B2; US10374821B2; US10530598B2; US10530600B2; US10630501B2; US10673645B2; US10728051B2; US10785050B2; US10812283B2; US10897373B2; US11032097B2; US11057237B2; US11102025B2; US11184188B2; US11316688B2; US11323281B2; US11329840B2; US11362851B2; US11381414B2; US11489689B2; US11533190B2; US11582057B2; US11588658B2; US11695585B2; US11750412B2; US11792035B2; US11876637B2

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