

Title (en)
MULTIPLE-LAYER SEALED GLAZING UNIT

Publication
EP 0328823 B1 19920610 (EN)

Application
EP 88311844 A 19881214

Priority
US 13255787 A 19871214

Abstract (en)
[origin: EP0328823A2] A hollow-profile spacer 30A has faces 27 which engage the glazing panes and can be bent to form a rectangular frame. The inner face 32 is perforated at 29 to allow dessicant material within the hollow profile to absorb moisture from within the space between the glazing panes. The spacer is roll-formed from a flat strip of oriented thermoplastic material whose edges are welded together along the line 28. The material is highly-oriented in the longitudinal direction 34 which improves strength, stiffness and dimensional stability in this direction. It also reduces thermal conductivity in the transverse direction 33. The sheet may be biaxially oriented so that it has dead bend properties both parallel (34) and normal (33) to the longitudinal axis of the spacer. Alternatively the orientation of the material is achieved by drawing in the course of producing the spacer by extrusion.

IPC 1-7
E06B 3/66

IPC 8 full level
E06B 3/663 (2006.01); **E06B 3/66** (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP)
E06B 3/66319 (2013.01); **E06B 3/66357** (2013.01); **E06B 3/6621** (2013.01); **E06B 3/66328** (2013.01); **E06B 3/66366** (2013.01); **E06B 3/67313** (2013.01); **E06B 2003/6639** (2013.01)

Cited by
DE29515924U1; NL9400937A; EP0586121A1; US5302425A; CN110847770A; AU648441B2; CN113187353A; GB2372067A; GB2372067B; EP0852280A1; RU2473765C1; CN111302665A; US6401428B1; US6370838B1; EP1553256A1; WO0125581A1; WO9828513A1; WO9208030A1; US6662523B2; US6974518B2; US6868648B2; WO2005066444A1; US8209922B2; US8402705B2; US6928776B2; US6679013B2; US6536182B2; US6823643B2; US7100343B2

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