

Title (en)
PROCESS FOR OBTAINING A STRONG BOND OF INSULATING GLASS PANES

Publication
EP 0061183 B1 19850717 (DE)

Application
EP 82102318 A 19820320

Priority
• DE 3111166 A 19810321
• DE 3126996 A 19810708

Abstract (en)
[origin: EP0061183A1] 1. A process of making firm joints in insulating glass panes having individual glass panes which are joined and spaced apart by means of spacer frames coated on three sides with a hot melt adhesive, wherein the hot melt adhesive is heated in the space between the individual glass panes and the side faces of the spacer frame in that the insulating glass pane is irradiated on both sides at the same time with radiant heat from elongate heat radiators, particularly with short-wave infrared radiation from elongate bright infrared radiators, and the insulating glass panes are subsequently compressed to their final thickness as long as the hot melt adhesive is still hot, characterized in that the radiant heat is generated only during an interval of time which is sufficient for heating the hot melt adhesive to its working temperature and said radiant heat is beamed and directed substantially only to the edge portion of the insulating glass panes.

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C03C 27/12

IPC 8 full level
C03C 27/12 (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP)
E06B 3/67339 (2013.01); **E06B 3/6736** (2013.01); **E06B 3/67369** (2013.01); **E06B 3/67373** (2013.01); **E06B 3/67386** (2013.01)

Cited by
US6521083B1; JP2011506252A; US4820365A; US6054001A; EP0311594A1; US4929814A; AT398307B; CN101896680A; EP2292887A3; RU2470129C2; EP3492682A1; US6332948B1; WO2009078912A1; WO0028186A1; WO2009078935A1; US6203639B1; US6599386B2; US8500933B2; US8733128B2; US9822580B2; US7344059B2; US6793120B2; WO8803517A1; WO2009078906A1; US8506738B2; US9783447B2; US10294140B2; US10717668B2; US9359247B2; US10125045B2; US10465433B2; US10752535B2; US9458052B2; US9988302B2; US10329187B2; US10421684B2; US11028009B2; US8227055B2; US8512829B2; US8590343B2; US8763427B2; US9290408B2; US10087676B2; US9309146B2; US10107028B2; US10858880B2; US8802203B2; US9776910B2; US10196299B2; US11014847B2; EP1811114B2

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