

Title (en)

METHOD AND APPARATUS FOR PRODUCING GAS-CONTAINING INSULATING GLASS ASSEMBLIES

Publication

EP 0389706 A3 19911002 (EN)

Application

EP 89305744 A 19890607

Priority

US 33568389 A 19890330

Abstract (en)

[origin: EP0389706A2] A method and apparatus for producing multi-pane glass units having a non-air gas in the interpane space. A plurality of insulating glass units (70) is assembled, each unit comprising a pair of glass panes(72) and a peripheral spacer (74). A separator (110) is placed between the panes of each unit to space them from one another, providing an opening therebetween. Once the units (70) are assembled, they are placed in a vacuum chamber (10) and a vacuum is drawn to remove air from the interpane spaces. The chamber (10) is then refilled with the desired gas (e.g., argon), and the separator means is removed from each of the units (70), allowing the units(70)to close, sealing the interpane space of each glass unit (70). The units (70) are then removed from the vacuum chamber (10).

IPC 1-7

E06B 3/66

IPC 8 full level

C03C 27/06 (2006.01); **E06B 3/677** (2006.01)

CPC (source: EP)

E06B 3/6775 (2013.01)

Citation (search report)

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- [AD] US 4369084 A 19830118 - LISEC PETER [AT]
- [A] EP 0056762 A2 19820728 - SAINT GOBAIN VITRAGE [FR]

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EP 89305744 A 19890607; AT 89305744 T 19890607; CA 605876 A 19890717; DE 68926955 T 19890607; DK 244689 A 19890519; JP 19916289 A 19890731