

Title (en)
Method and apparatus for producing gas-containing insulating glass assemblies

Title (de)
Verfahren und Vorrichtung zur Herstellung gasenthaltender Isolierverglasungen

Title (fr)
Méthode et dispositif pour la production de vitrages isolants contenant du gaz

Publication
EP 0389706 B1 19960814 (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).

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Cited by
IT202000024367A1; US8905085B2; CN103119238A; EP0498787A3; US5573618A; US5753069A; GB2295415A; GB2295415B; GB2432871A; GB2432871B; US8821662B2; WO2012037585A1; WO9620328A1; WO2022079683A1

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