

Title (en)  
DEVICE FOR FILLING INSULATING GLASS WITH SPECIAL GAS

Publication  
**EP 0324333 B1 19920506 (DE)**

Application  
**EP 88890328 A 19881222**

Priority  
AT 4388 A 19880111

Abstract (en)  
[origin: US4921022A] For filling insulating glass with a special gas, a probe (17) that can be introduced through an opening (25) in the spacer (26) for filling with the special gas, and a device (19) for sealing the opening(s) (25, 27) in the spacer (26) after completion of the filling process are arranged on a joint component (16) on the outlet side of a platen press (1, 2) for applying pressure to the glass plates of the insulating glass. The component (16) can be displaced from a readiness position wherein it is arranged below the conveying route (3, 13) for the insulating glass into a first operative position wherein the probe (17) is associated with the filling openings (25) in the spacer (26) and into a second operative position wherein the device for sealing the openings, which device preferably comprises filling nozzles (19) for feeding sealing compound (28) into the openings to be sealed, is associated with the openings (25, 27) in the spacer (26).

IPC 1-7  
**E06B 3/66**

IPC 8 full level  
**C03C 27/12** (2006.01); **E06B 3/673** (2006.01); **E06B 3/677** (2006.01)

CPC (source: EP US)  
**E06B 3/67386** (2013.01 - EP US); **E06B 3/6775** (2013.01 - EP US); **E06B 3/67343** (2013.01 - EP US)

Cited by  
US8905085B2; DE4100697C3; DE4337673A1; DE4202612A1; EP0498787A3; DE19607721A1; US5704405A; DE19607721C2; EP0444391A3; US5110337A; AT408982B; CN103119238A; WO2019025042A1; EP0715053A2; WO2012037585A1; US8821662B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 4921022 A 19900501**; AT 393830 B 19911227; AT A4388 A 19910615; AT E75809 T1 19920515; DE 3870848 D1 19920611; DE 8816218 U1 19890216; EP 0324333 A2 19890719; EP 0324333 A3 19910306; EP 0324333 B1 19920506; ES 2031284 T3 19921201

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**US 28225588 A 19881209**; AT 4388 A 19880111; AT 88890328 T 19881222; DE 3870848 T 19881222; DE 8816218 U 19881230; EP 88890328 A 19881222; ES 88890328 T 19881222