

Title (en)

Process and device for filling the gap between insulating glass panes with a gas other than air

Title (de)

Verfahren und Vorrichtung zum Füllen des Zwischenraums zwischen Isolierglasscheiben mit einem von Luft verschiedenen Gas

Title (fr)

Procédé et dispositif pour remplir l'espace entre des vitres isolantes avec un gaz autre que l'air

Publication

**EP 1762687 A1 20070314 (DE)**

Application

**EP 06018404 A 20060902**

Priority

DE 102005044861 A 20050913

Abstract (en)

The method involves filling two glass tablets (31, 32) with a different gas, in a device having two opposite plates (1, 2). The parallel plates are mutually variable in distance to each other and can be perpendicularly bent. The proximity of the lower edge of the plates along a lower edge is horizontal and movable (3) in a direction (4). Two sealing mechanisms (5, 6) are positioned at the rising edges of the two plates or near the edges or between the plates. Positioned between the horizontal movement part is the supplied gas being different to air into a chamber. An independent claim is included for a device.

IPC 8 full level

**E06B 3/677** (2006.01); **E06B 3/673** (2006.01)

CPC (source: EP US)

**E06B 3/67386** (2013.01 - EP US); **E06B 3/6775** (2013.01 - EP US)

Citation (search report)

- [AD] EP 0539407 A1 19930505 - LENHARDT MASCHINENBAU [DE]
- [AD] EP 0674086 A1 19950927 - LISEC PETER [AT]
- [AD] EP 1450001 A1 20040825 - TECNOPAT AG [CH]
- [AD] EP 0615044 A1 19940914 - CTA COMPOSITE TECH AUTOM GMBH [DE]
- [A] DE 20113608 U1 20020110 - LENHARDT MASCHINENBAU [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

**EP 06018404 A 20060902**; AT 06018404 T 20060902; DE 102005044861 A 20050913; DE 502006000974 T 20060902; US 52113906 A 20060913; US 85953710 A 20100819