

Title (en)

Device for the assembly of insulating glazing filled with a heavy gas

Title (de)

Vorrichtung zum Zusammenbauen von Isolierglasscheiben, deren Innenraum mit einem Schwergas gefüllt ist

Title (fr)

Dispositif d'assemblage de vitrages isolants, remplis de gaz lourd

Publication

EP 1450001 B1 20041117 (DE)

Application

EP 03003986 A 20030222

Priority

EP 03003986 A 20030222

Abstract (en)

[origin: EP1450001A1] Device for producing insulating glass panes filled with heavy gas comprises two vertical plates (4, 6), a conveying device, and a seal (20) in the space (10) between the plates. The seal can be adjusted between the plates exclusively perpendicularly to the plane of the plates. Closing elements (12) for closing the space between the plates are provided on the two vertical edges of the plates. Preferred Features: The seal is displaceably held in one plate perpendicular to the plane of the plate in a vertical groove (28) that opens toward the space between the plates.

IPC 1-7

E06B 3/677

IPC 8 full level

C03B 23/24 (2006.01); **E06B 3/677** (2006.01)

CPC (source: EP US)

E06B 3/6775 (2013.01 - EP US); **Y10T 156/1702** (2015.01 - EP US)

Cited by

DE102005033040B3; DE102004032436A1; DE102005044861B3; EP1762687A1; WO2007009642A3; US7807003B2; US9212516B2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1450001 A1 20040825; EP 1450001 B1 20041117; AT E282758 T1 20041215; CN 1523194 A 20040825; CN 1523194 B 20100512; DE 50300158 D1 20041223; ES 2230525 T3 20050501; RU 2003129972 A 20050327; RU 2323319 C2 20080427; US 2004182518 A1 20040923; US 7299844 B2 20071127

DOCDB simple family (application)

EP 03003986 A 20030222; AT 03003986 T 20030222; CN 03155112 A 20030822; DE 50300158 T 20030222; ES 03003986 T 20030222; RU 2003129972 A 20031008; US 76588604 A 20040129