



(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
07.06.2006 Bulletin 2006/23

(51) Int Cl.:
E06B 3/677 (2006.01)

(43) Date of publication A2:
08.06.2005 Bulletin 2005/23

(21) Application number: 04028840.9

(22) Date of filing: 06.12.2004

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR
Designated Extension States:
AL BA HR LV MK YU

(30) Priority: 05.12.2003 IT VI20030246

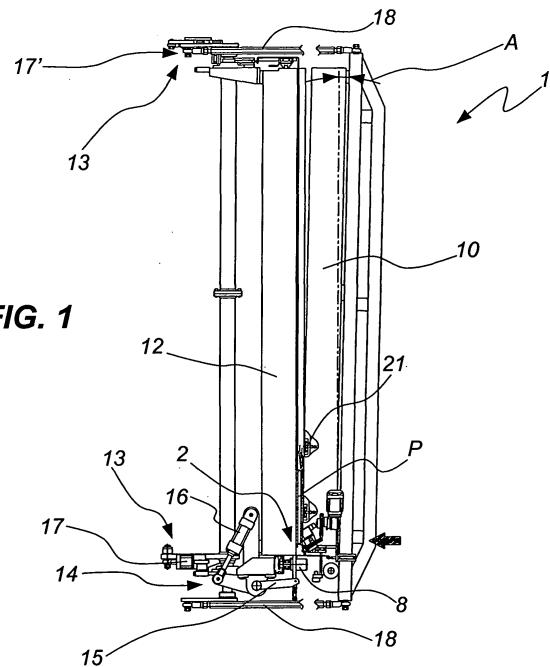
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(54) Method for assembling insulating panels and apparatus for implementing such method

(57) A method for assembling insulating panels, particularly for multipane glazing units formed by a pair of facing glass panes (V, V") and a spacer element (D) interposed between the panes, comprises the steps of: a) placing a first pane (V) in a substantially vertical position and providing a second pane (V") with a spacer element (D) having at least one side (L, L') in correspondence of each peripheral edge (B, B', B") of the second pane (V"); b) positioning the panes (V, V") in a mutually facing relationship with a predetermined horizontal spacing (R) to define an interior space (3) between the panes (V, V"); c) introducing a substantially inert gas in the interior space (3) by using appropriate supply means (4); d) moving closer and pressing together the first (V) and the second panes (V") with the spacer element (D) interposed therebetween, to close the interior space (3) and form an assembled panel (P); e) withdrawing the assembled panel (P). The gas is introduced with the first (V) and the second panes (V") reciprocally offset in a vertical direction to define a lateral gas supply port (5) for gas filling and allow rapid and uniform filling of the interior space (3).





DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (IPC)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
A	DE 94 22 004 U1 (LENHARDT MASCHINENBAU GMBH, 75242 NEUHAUSEN, DE) 2 January 1998 (1998-01-02) * page 5, paragraph 3 * * page 9, line 10 - page 13, line 26 * * figures 1-5 -----	1,4,7,9, 10,17,18	INV. E06B3/677
A	DE 94 08 902 U1 (DCL GLAS CONSULT GMBH, 82054 SAUERLACH, DE) 28 September 1995 (1995-09-28) * page 12, line 10 - page 17, line 31; figures * -----	1,7-10, 13-18	
E	WO 2006/002975 A (LENHARDT MASCHINENBAU GMBH; SCHULER, PETER) 12 January 2006 (2006-01-12) * page 20, line 3 - page 23, line 2 * * page 24, line 24 - page 25, line 12 * * figures 3-10 * -----	1,10-12, 17,18	
			TECHNICAL FIELDS SEARCHED (IPC)
			E06B
1 The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	The Hague	25 April 2006	Depoorter, F
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 04 02 8840

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

25-04-2006

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