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(54) **GLAZING ISLAND**

(57) A glazing island (1) for slab-shaped semi-finished products (2) having an upper surface (S), comprising:

- a conveyor line (L), comprising a conveyor surface (3) that is movable along a conveyance direction (X), wherein the conveyor line (L) comprises two distinct branches (Li);

- a final glazing station (4), adapted to deposit a covering substance on the upper surface (S) of the slab-shaped semi-finished products (2) moved by the conveyor surface (3) along the conveyor line (L), wherein the final glazing station (4) comprises at least two dispensing devices (5), distinct and independent from each other, wherein each dispensing device (5) is located on a branch (Li) of the conveyor line (L) and is adapted to deposit a covering substance on the upper surface (S) of the slab-shaped semi-finished products (2) moved by the conveyor surface (3) along that branch (Li) of the conveyor line (L).

A production plant (10) comprising the glazing island (1).

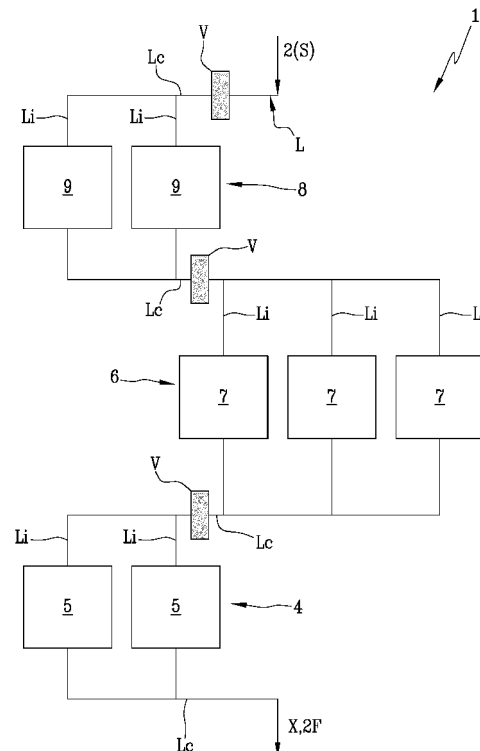


Fig.1

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EUROPEAN SEARCH REPORT

Application Number

EP 24 20 2360

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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X	US 6 802 921 B1 (VENKATESHA RUDRAPATNAKESHAVAMU [IN] ET AL.) 12 October 2004 (2004-10-12) * figure 1 * * column 12, lines 48-53 * * column 9, lines 34-38 * * column 9, lines 50-51 * * column 16, lines 46-47 * * column 15, lines 44-54 *	1,7-14	TECHNICAL FIELDS SEARCHED (IPC) B28B B41J B41M C04B B65D B05B
X	SU 612 802 A1 (MO STROMPROEKT OBEDINENIYA ROS [SU]) 30 June 1978 (1978-06-30) * figure 1 * * paragraphs [0006], [0008], [0010] *	1,7,8,10,13,14	
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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 April 2025	Examiner Voltz, Eric
CATEGORY OF CITED DOCUMENTS 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		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	



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).

**LACK OF UNITY OF INVENTION
SHEET B**

Application Number

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The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-6

A glazing island for slab-shaped semi-finished products.

2. claims: 7-15

A plant for the production of finished slab-shaped products.

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

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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
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23-04-2025

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82