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(54) **Fastening arrangement**

(57) The invention relates to a fastening arrangement used in connection with multilayer building units. The units (1a, 1b) comprise a core part (10) of thermal insulation material and surface plates (11a, 12a; 11b, 12b) covering it on both sides, the surface plates having a tongue (7) on one longitudinal edge and a groove (8) on the opposite edge. The short sides (16) between the tongue-and-groove edges are straight, the building units being intended to be joined with one another by means of a tongue-and-groove joint to form a row of successive units and the said rows to be positioned adjacent to one another in such a way that a joint seam (5) is formed between the rows, at the point between the short straight sides of adjacent units (1a, 1b) positioned opposite one another. The units are secured to the framework (13) at least at the short sides by screws or similar fastening means. The arrangement comprises a first fastening strip (20) which is mountable on the short side of the unit, in the edge area of the unit, and can be secured in place in the framework (13) by screws or similar fastening means (14), at the same time securing the first building unit (1a) underneath the strip in place. The second fastening strip (21) which can be joined by one edge to the first fastening strip (20) and extends across the joint seam (5) to the edge area of the short side of the second adjacent building unit (1b) and can be secured in place in the framework (13) by screws or similar fastening means (14), at the same time securing the second building unit (1b) underneath the strip in place. On the surface of each fastening

strip (20, 21) to be placed against the outer surface of the building unit is integrated a sealing means (22) which is placed against the said outer surface.

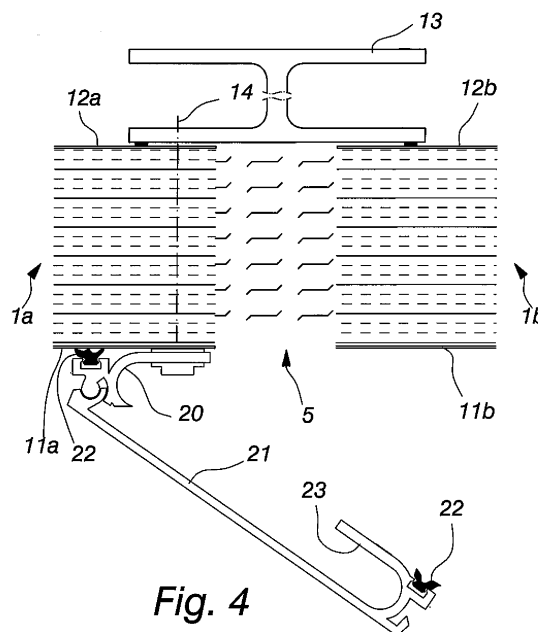


Fig. 4



EUROPEAN SEARCH REPORT

Application Number
EP 11 15 1072

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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A	----- US 3 170 268 A (BALZER CLAUDE P ET AL) 23 February 1965 (1965-02-23) * column 2, line 18 - column 4, line 74; figures 1-3 *	1	
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 12 March 2014	Examiner Stern, Claudio
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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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 11 15 1072

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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12-03-2014

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