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(54) **SHAPED PROFILE FOR FACADE PROFILES BASED ON WOOD OR PAPER**

(57) The aim of the technical solution according to this utility model is the replacement of aluminium profiles with facade beams based on wood or paper and their

protection against moisture by the shape of the beam itself, which is achieved by modifying the beam structure and replacing materials.

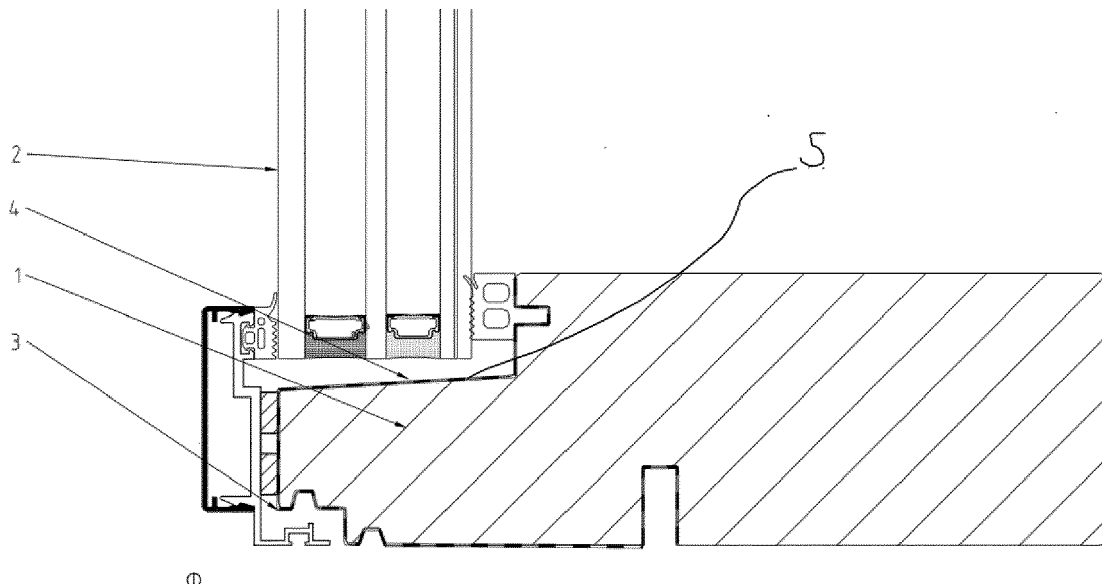


Fig. 1/1

Description

in construction in the production of glazed facades.

Field of technology

[0001] The technical solution concerns the structural arrangement of slatted and structural prefabricated block (element) glazed or partially glazed facades for construction purposes.

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State of the art

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[0002] At present, prefabricated glazed building block facades use an aluminum profile with an interrupted thermal bridge as a static load-bearing part, which also includes grooves for seals, glass carriers, etc. The disadvantage of this solution is the high heat transfer coefficient U and environmental impacts in the mining and processing of aluminum.

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The essence of the technical solution

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[0003] The aim of the technical solution according to this utility model is the replacement of aluminum profiles with facade beams based on wood or paper and their protection against moisture by the shape of the beam itself, which is achieved by modifying the beam structure and replacing materials.

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Overview of pictures in the drawing

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[0004] The technical solution will be explained in more detail with the help of the drawing, where Fig. 1 shows a section of the structure using a beam based on wood or paper.

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Example of technical solution implementation

Example 1

[0005] The statically supporting profile 1_based on wood with a bevelled drainage space 5_under a transparent or opaque filling 2_is provided with a water-resistant surface treatment 4_in the drainage part. The lower edge of the support profile 1_is provided with a shaped drip edge 3.

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Example 2

[0006] The statically supporting profile 1_based on paper with a bevelled drainage space 5_under the transparent or opaque filling 2_is provided with a water-resistant surface treatment 4_in the drainage part. The lower edge of the support profile 1_is provided with a shaped drip edge 3.

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Industrial applicability

[0007] This technical solution can be used especially

Claims

1. Shaped profile (1) for facade profiles based on wood or paper (1), **characterized in that** it is provided with a bevelled drainage space (5) under a transparent or opaque filling (2), a drip edge (3) on the lower edge of the supporting profile (1) and a waterproof surface treatment (4) of the drainage space (5), which enables safe removal of moisture to the exterior.

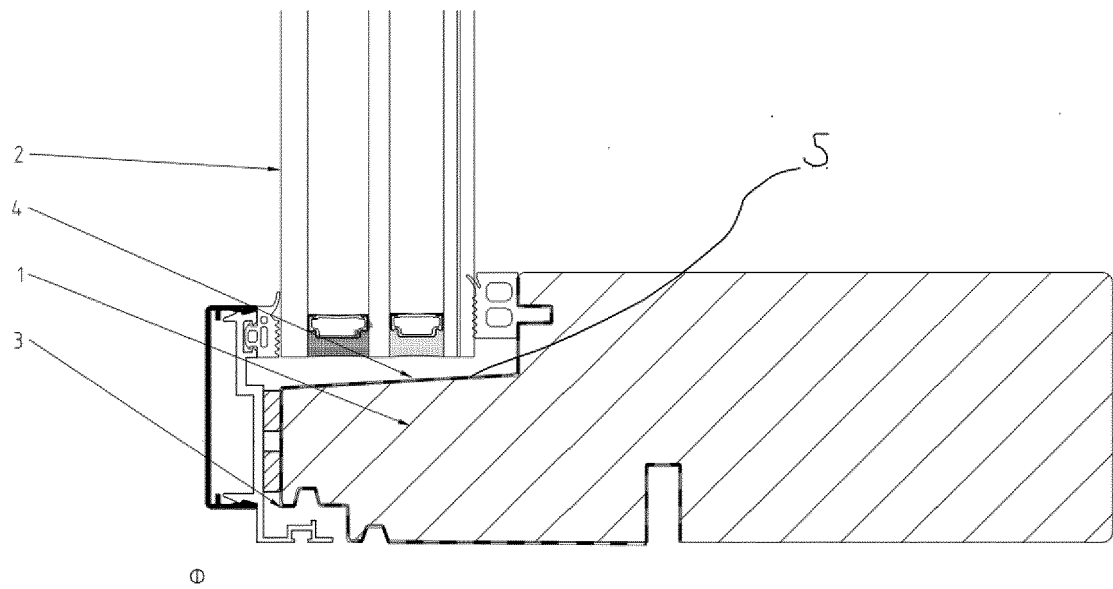


Fig. 1/1



EUROPEAN SEARCH REPORT

Application Number

EP 22 02 0166

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EPO FORM 1503 03.82 (P04C01)

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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 26 September 2022	Examiner Tänzler, Ansgar
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	

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

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