ROOF WINDOW FRAME AND METHOD FOR EMBEDDING THE WINDOW FRAME IN A ROOF

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ABSTRACT

The subject of the invention is a roof window frame with two opposite parts (1) determining the window height, having in their outer side wall on their full length a rectangular recess (2) with a supporting surface (2a) facing the roof, and having through fixing holes (3) between the frame surface above the glazing plane and the parallel supporting surface (2a) of the recess (2). The method of embedding and fixing the window frame in the roof following the invention includes inserting the window frame in an opening of matching size in the roof surface so that the supporting surface (2a) of the recess (2) in the side parts (1) rests on the rafter framing elements of the roof, and then screwing it down to these elements with screws inserted in the through holes (3) in the side parts (1).
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FIELD OF THE INVENTION

[0001] The invention relates to a roof window frame and a method for its embedding in a roof.

DESCRIPTION OF RELATED ART

[0002] Known are roof window frames with longer sides having a flat, even or lengthwise fluted surface and an even height. These window frames are fixed to the roof by means of angle sections. One angle arm is being screwed to the opposite sides of the frame on its outer edge and the other arm is supported on rafters, purlins or the roof planking (WO 88/04348, PL-A1-340197).

[0003] There exists also a known method for embedding window frames in the roof using assembly corner brackets, which are connected with the four corners of the window frame by one double-segment arm each, and resting on the rafter framing elements with their second, specially formed arm (WO 99/35355).

SUMMARY OF THE INVENTION

[0004] The subject of this invention is a roof window frame, the opposite sides of which, determining the window height, have a rectangular recess facing the roof on their full length along the outer side walls and through holes in the side parts for fixing, which run from the frame surface above the glazing plane to the parallel supporting surface of the recess. The fixing holes should preferably be diverging towards the roof surface.

[0005] The method of embedding the roof frame in the roof according the invention includes inserting it in a matching opening in the roof surface, so as to bring the supporting face of the frame sides to rest on the rafter framing elements, and then fastening it with screws inserted in the fixing holes.

BRIEF DESCRIPTION OF THE DRAWING

[0006] The subject of the invention is illustrated in an example of its execution, depicted in FIG. 1, which shows a cross-section of the window embedded in a roof.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

[0007] As shown in FIG. 1, two parallel side parts 1 of a frame, which determine the window height, have a rectangular recess 2 facing the roof on the full length of the outer side wall. The recess has a supporting surface 2a and through holes 3 going from the frame surface above the glazing plane to the parallel supporting surface 2a of the recess 2.

[0008] The holes 3 in the frame sides are diverging with respect to each other towards the roof surface.

[0009] The window frame according the invention is being inserted in a matching opening of the roof surface and rests with its supporting surface 2a of the recess 2 on the roof planking 4. It is then screwed to the planking 4 and rafters 5 with screws inserted in the fixing holes 3.

What is claimed is:

1. A roof window frame characterized in that its two opposite side parts (1) determining the window height, have in the outer edge, on their full length at the side facing the roof, a rectangular recess (2) with a supporting surface (2a) and fixing holes (3) running from the window frame surface above the glazing plane to its parallel supporting surface (2a).

2. A roof window frame as claimed in claim 1 in which the through fixing holes (3) in the side parts (1) are arranged in diverging directions with respect to each other towards the roof surface.

3. A method for embedding a window frame in a roof characterized in that the window frame is being inserted into an opening of matching size in the roof surface so, that the supporting surface (2a) of the rectangular recess (2) in the opposite side parts (1) determining the window height rest on the rafter framing elements of the roof and is then being screwed to it by screws inserted in the through holes (3).