

Title (en)

THE DESIGN OF FRAMES, WINGS AND PILLARS OF WOOD FOR HEAT-INSULATING WINDOWS FOR PASSIVE BUILDINGS

Title (de)

ENTWURF VON RAHMEN, FLÜGELN UND SÄULEN AUS HOLZ FÜR WÄRMEDÄMMENDE FENSTER FÜR PASSIVGEBÄUDE

Title (fr)

CONCEPTION DE CADRES, AILES ET PILIERS DE BOIS POUR ISOLER THERMIQUEMENT DES FENÊTRES DE BÂTIMENTS PASSIFS

Publication

EP 3135847 A1 20170301 (EN)

Application

EP 15460049 A 20150822

Priority

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Abstract (en)

The present solution is the structure of frame, wings and posts of wood for the construction of window insulation for building passive, characterized in that consists of six elements in the form of a rectangular wooden boards 1-3 interconnected in such a way that the wood grain of the various connected elements They are adjusted alternately, wherein the extreme board 1 is in the upper part of the profile projecting above the other components, forming the plane of the glass package, and symmetrically on the other hand is located glazing bead 7, the glazing bead 7 and a package of glass 4, 5 complex and sealed with silicon 6, and the central board 3 centrally provided with a recess whose side walls to the top and bottom have comp vertical sections connected section located at an acute angle, and the board 2 are in planes lower rectangular recesses and the bar consists of six wooden boards 1-3 glued each other in such a way that the wood grain of the various connected elements are adjusted alternately, wherein the extreme board 1 on the one hand, is in the upper and lower profiled projecting part over the other components, forming the plane of the packets glass and symmetrically on the other side they are located glazing lath 7 and the frame is made up of several planks glued one centrally located in the middle of element 2, projecting beyond the upper face of the frame.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- GB 181284 A 19220615 - METALLBANK & METALLURG GES AG
- PL 58799 Y1 20010928 - ZAKLADY ELEMENTOW WYPOSAZENIA [PL]
- PL 386872 A1 20100621 - KUCHARSKA JANINA [PL], et al
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Citation (search report)

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- [I] DE 4009384 A1 19910926 - ELGRAM WINTERGARTENTECHNIK GMBH [DE]
- [A] DE 29800813 U1 19990520 - STOELZEL CHRISTOF [DE]

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