

Title (en)
THERMAL INSULATING COMPOSITE PANEL, METHOD OF ITS PRODUCTION AND BUILDING STRUCTURES FROM SUCH PANELS

Title (de)
WÄRMEISOLIERVERBUNDPLATTE, VERFAHREN ZU IHRER HERSTELLUNG UND AUS SOLCHEN PLATTEN HERGESTELLTE GEBÄUDESTRUKTUREN

Title (fr)
PANNEAU COMPOSITE D'ISOLATION THERMIQUE, PROCEDE POUR SA PRODUCTION ET STRUCTURES DE BATIMENTS CONSTITUEES DE TELS PANNEAUX

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EP 2078121 A1 20090715 (EN)

Application
EP 06761020 A 20060713

Priority
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• BG 10941606 A 20060123

Abstract (en)
[origin: WO2007082356A1] The panel contains thermal insulating layer (2) made of polyurethane foam with external surface (3) and internal surface (4), strengthening framework consisting of arranged at a distance vertical ribs (8) and protective layer (9) placed on the internal surfaces (4) of the thermal insulating layer. An external facing layer (1) is glued to the external surface (3), one vertical edge (5) and the bottom horizontal edge (6) of which are protruded out of the thermal insulating layer (2) at a distance, and the other vertical edge(7) is shifted inward at the same distance, the load-bearing structure is entirely embedded in the thermal insulating layer (2) and the vertical ribs (8) are fixed to each other with one horizontal rib at least and the protective layer covers entirely the internal surface (4) of the thermal insulating layer (2).

IPC 8 full level
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