

Title (en)  
LAYERED BUILDING BOARD AND A METHOD FOR MANUFACTURING THEREOF

Title (de)  
GESCHICHTETE BAUPLATTE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)  
PANNEAU DE CONSTRUCTION STRATIFIÉ ET SON PROCÉDÉ DE FABRICATION

Publication  
**EP 4310266 A1 20240124 (EN)**

Application  
**EP 22186596 A 20220723**

Priority  
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Abstract (en)  
A layered building board comprises a support structure, outer lining board/boards, inner lining board/boards, and a thermal-insulation material filling the space between the internal and outer lining board/boards, and mounting means, characterized in that between the inner lining board/boards (2) and the supporting structure (4) there are located spacer elements of a first type (3), and between the outer lining board/boards (6) and the supporting structure (4) there are located spacer elements of a second type (5), and the spacer elements of the first and the second types (3, 5) are made from a thermal-insulation material, and, moreover, in the space between the inner lining board/boards (2) and the outer lining board/boards (6) there are placed elements of internal installations, and the thermal-insulation material filling the empty spaces between the inner lining board/boards (2) and the outer lining board/boards (6) is building foam with closed pores (8). Also, the invention relates to a method for manufacturing the described layered building board.

IPC 8 full level  
**E04C 2/288** (2006.01); **E04C 2/38** (2006.01); **E04C 2/52** (2006.01)

CPC (source: EP)  
**E04C 2/288** (2013.01); **E04C 2/384** (2013.01); **E04C 2/521** (2013.01)

Citation (applicant)  
• US 2007245640 A1 20071025 - BERGQVIST TONNY [AU]  
• DE 1908610 A1 19700903 - POTZOLLI DIPL ING EGON R  
• WO 2013023117 A2 20130214 - ASPENSON MARK A [US], et al

Citation (search report)  
• [X1] EP 2295665 A1 20110316 - IZZO CARLO [IT]  
• [A] US 4765105 A 19880823 - TISSINGTON SIDNEY K [CA], et al  
• [A] CN 109695314 A 20190430 - BEIJING NEW BUILDING MAT PLC

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