

Title (en)  
BUILDING BOARD AND ITS PRODUCTION

Title (de)  
BAUSTOFFPLATTE UND IHRE HERSTELLUNG

Title (fr)  
FABRICATION DE PANNEAU DE CONSTRUCTION

Publication  
**EP 1102904 A1 20010530 (EN)**

Application  
**EP 99936795 A 19990728**

Priority  
• GB 9902472 W 19990728  
• GB 9816427 A 19980728

Abstract (en)  
[origin: WO0006849A1] A building board comprising cementitious fibre board has first and second surface layers (20, 23) of fibres admixed with cementitious materials; and a core layer (21) of fibres admixed with cementitious material but of different composition from either of the surface layers and disposed between the surface layers and bonded thereto by interpenetrating crystal growth; and at least one layer of fibrous mesh (22) interposed between the core layer and at least one of the surface layers and bonded to each of the adjacent layers by the interpenetrating crystal growth. The board may be produced by successively spreading layers of surface and core mixes to form a fibrous cementitious assembly, with interposition of at least one layer of fibrous mesh between at least one pair of adjacent layers of the mixes; compressing the assembly to a predetermined thickness; and maintaining the pressure until hydration of the cementitious material in the assembly is substantially complete.

IPC 1-7  
**E04C 2/04**; C04B 28/14; C04B 14/02; B28B 19/00

IPC 8 full level  
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See references of WO 0006849A1

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