

Title (en)  
Fireproof board-type material

Title (de)  
Brandbeständiger, plattenförmiger Werkstoff

Title (fr)  
Matériau en plaque résistant au feu

Publication  
**EP 1593791 A1 20051109 (DE)**

Application  
**EP 05009692 A 20050503**

Priority  
DE 102004022104 A 20040505

Abstract (en)  
The material has at least one carrier layer made of wood material, and at least one outer layer made of a siliceous material applied at the factory, or by the customer, which is mixed with a binding agent. The plate-shaped material is preferably fire-resistant for 90 minutes. The siliceous material is preferably vermiculite or perlite. An independent claim is included for a method of manufacturing a plate-shaped material.

Abstract (de)  
Die Erfindung betrifft einen plattenförmigen brandbeständigen Werkstoff mit mindestens einer Trägerlage aus einem Holzwerkstoff und zwei Außenlagen aus einem silikatischen, vorzugsweise brandbeständigen Werkstoff, der mit einem Bindemittel versetzt ist sowie ein Verfahren zur Herstellung dieses Werkstoffes.

IPC 1-7  
**E04B 1/94**; **E04C 2/16**

IPC 8 full level  
**E04B 1/94** (2006.01); **E04C 2/16** (2006.01); **E04C 2/26** (2006.01)

CPC (source: EP)  
**E04B 1/942** (2013.01); **E04C 2/26** (2013.01)

Citation (search report)  
• [XAY] US 3109767 A 19631105 - BORIS POLOVTSEFF, et al  
• [X] GB 806437 A 19581223 - MARCEL LUCIEN BERTRAND  
• [Y] US 4201833 A 19800506 - HILZENSAUER VOLKMAR [AT], et al  
• [YA] EP 0631865 A1 19950104 - ORV SPA [IT]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 005, no. 195 (C - 083) 11 December 1981 (1981-12-11)

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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1593791 A1 20051109**; DE 102004022104 A1 20051124; WO 2005108697 A1 20051117

DOCDB simple family (application)  
**EP 05009692 A 20050503**; DE 102004022104 A 20040505; EP 2005004548 W 20050428