

Title (en)  
COMPONENT

Title (de)  
BAUELEMENT

Title (fr)  
ÉLÉMENT DE CONSTRUCTION

Publication  
**EP 2440716 A2 20120418 (DE)**

Application  
**EP 10724504 A 20100609**

Priority  
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• DE 102009025163 A 20090612

Abstract (en)  
[origin: WO2010142742A2] The invention relates to a component made of a multiphase material with a thermal conductivity  $\lambda < 2000 \text{ W/(m}\cdot\text{K)}$ , preferably  $\lambda < 100 \text{ W/(m}\cdot\text{K)}$  or  $\lambda = 50 \text{ W/(m}\cdot\text{K)}$ . According to the invention, the material contains fibers, fiber bundles and/or fiber aggregates which allow the component to have a higher vapor permeability than an analogous component made of the same material but without fibers. Additionally, the invention relates to a part comprising such a component, and a composite heat insulation system comprising at least one such component.

IPC 8 full level  
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Citation (search report)  
See references of WO 2010142742A2

Citation (examination)  
• GB 882296 A 19611115 - OWENS CORNING FIBERGLASS CORP  
• AT 296858 B 19720225 - DABERNIG JOSEF, et al  
• DE 102005042235 A1 20070308 - BASF AG [DE]  
• FR 1438893 A 19660513 - ROHPAPPEN FABRIK WORMS ZWEIGNI

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

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