

Title (en)  
Preformed thermo-acoustic insulation panel

Title (de)  
Wärme - und schalldämmende vorgefertigte Platte

Title (fr)  
Panneau préformé d'isolation thermo-acoustique

Publication  
**EP 2354356 A1 20110810 (EN)**

Application  
**EP 11150762 A 20110112**

Priority  
IT MI20100028 A 20100114

Abstract (en)  
The present invention relates to a preformed panel (1) for heat and sound insulation of buildings and structures, such as walls, ceilings and/or floors, comprising a layer (3) of non-woven fabric, preferably comprising polyester fibres, provided with a plurality of cells (2). The preformed panel (1) according to the present invention preferably comprises, on at least one of the surfaces of the layer (3) of non-woven fabric, preferably on both of them, a rigid covering layer (6) which covers and seals the cells (2) of the preformed panel (1).

IPC 8 full level  
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Citation (applicant)  
• US 2001012812 A1 20010809 - SPENGLER ERNST MAXIMILIAN [DE]  
• US 4631221 A 19861223 - DISSELBECK DIETER [DE], et al

Citation (search report)  
• [XYI] US 2001012812 A1 20010809 - SPENGLER ERNST MAXIMILIAN [DE]  
• [XYI] EP 0158234 A2 19851016 - HOECHST AG [DE]  
• [Y] WO 2007059593 A1 20070531 - ABRAHAMS JACOB [BR]  
• [Y] DE 102005044528 A1 20070405 - SCHULTE JOHANNES [DE]  
• [Y] US 2009178350 A1 20090716 - KALKANOGLU HUSNU M [US], et al  
• [Y] US 6044604 A 20000404 - CLAYTON THOMAS M [US], et al

Cited by  
DE102011104918A1; WO2013043505A1

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