

Title (en)

MATERIAL THAT CONTAINS EXPANDED VOLCANIC GLASS

Title (de)

WERKSTOFF, WELCHER GEBLÄHTES VULKANGLAS ENTHÄLT

Title (fr)

MATÉRIAU CONTENANT DU VERRE VOLCANIQUE SOUFFLÉ

Publication

**EP 2621870 A1 20130807 (DE)**

Application

**EP 11790850 A 20110930**

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- AT 2011000403 W 20110930

Abstract (en)

[origin: WO2012040759A1] The invention relates to a material that is formed by heating a mixture of grains of expanded volcanic glass and water glass in an aqueous solution by means of microwaves. Saccharides are added to the mixture to be cured by microwaves. In addition to other advantages, a higher strength of the formed material is thus achieved. The material is especially advantageous as a thermally insulating panel for building insulation.

IPC 8 full level

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