

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

Priority

- AT 16412010 A 20100930
- 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

C04B 28/26 (2006.01)

CPC (source: EP)

C04B 28/26 (2013.01); **C04B 2111/00413** (2013.01); **C04B 2111/00612** (2013.01)

Citation (search report)

See references of WO 2012040759A1

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 RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2012040759 A1 20120405; AT 510508 A1 20120415; AT 510508 B1 20130615; CN 103119001 A 20130522; EP 2621870 A1 20130807

DOCDB simple family (application)

AT 2011000403 W 20110930; AT 16412010 A 20100930; CN 201180046002 A 20110930; EP 11790850 A 20110930