

Title (en)

METHOD FOR MANUFACTURING A FIRE-RESISTANT MATERIAL BASED ON HOMOGENEOUS FOAM PRODUCTS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES BRANDSCHUTZMITTELS AUF BASIS HOMOGENER SCHAUMPRODUKTE

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UN AGENT IGNIFUGE À BASE DE PRODUITS MULTICELLULAIRES HOMOGÈNES

Publication

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Application

**EP 16711222 A 20160316**

Priority

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- EP 2016055714 W 20160316

Abstract (en)

[origin: WO2016146700A1] The invention relates to a method for manufacturing a fire-resistant material based on homogeneous foam products. In said method, first a glass is reacted with an aqueous alkali hydroxide solution at temperatures above 50 °C. The reaction product is discharged as a viscous mass and is granulated and cooled until turning into a solid granular material. According to the invention, the granules are furnished with a hydrophobic coating having a thickness of about 20 µm to 500 µm and are incorporated as a fire-resistant additive into a construction material.

IPC 8 full level

**C03C 3/105** (2006.01); **C03C 11/00** (2006.01); **C03C 17/30** (2006.01); **C08K 5/00** (2006.01)

CPC (source: EP US)

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C-Set (source: EP US)

**C08K 7/28** + **C08L 21/00**

Citation (search report)

See references of WO 2016146700A1

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