

Title (en)  
METHOD FOR PRODUCING FIREPROOF MATERIALS BASED ON SODIUM SILICATE

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON BRANDSCHUTZMATERIALIEN AUF WASSERGLASBASIS

Title (fr)  
PROCÉDÉ POUR LA FABRICATION DE MATÉRIAUX IGNIFUGES À BASE DE VERRE SOLUBLE

Publication  
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Application  
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Abstract (en)  
[origin: WO2019129398A1] The present invention relates to a method for producing a solid fireproof material. The composition for producing the fireproof material contains at least one sodium silicate and microcapsules provided with propellant gas. The fireproof material is made by inflating the microcapsules or breaking open the polymer material of the casing of the microcapsules, wherein this takes place by means of the thermal action or by adding an agent breaking open the casing of the microcapsules.

IPC 8 full level  
**C04B 28/26** (2006.01); **C04B 7/32** (2006.01); **C04B 14/04** (2006.01); **C04B 14/06** (2006.01); **C04B 14/10** (2006.01); **C04B 14/20** (2006.01); **C04B 14/24** (2006.01); **C04B 14/28** (2006.01); **C04B 14/30** (2006.01); **C04B 16/06** (2006.01); **C04B 18/06** (2006.01); **C04B 18/08** (2006.01); **C04B 20/00** (2006.01); **C04B 20/10** (2006.01); **C04B 38/02** (2006.01); **C04B 40/06** (2006.01); **E04B 1/94** (2006.01)

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**C04B 20/1033** (2013.01 - EP US); **C04B 28/26** (2013.01 - EP US); **C04B 38/02** (2013.01 - EP); **C04B 40/0641** (2013.01 - EP US); **E04B 1/94** (2013.01 - US); **E04B 1/942** (2013.01 - EP); **C04B 2111/00612** (2013.01 - US); **C04B 2111/28** (2013.01 - EP US); **Y02W 30/91** (2015.05 - EP)

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3. **C04B 28/26 + C04B 24/00 + C04B 38/02 + C04B 40/0641**

Citation (search report)  
See references of WO 2019129398A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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