

Title (en)

THE MANUFACTURING METHOD OF CONSTRUCTION MATERIALS USING WATERWORKS SLUDGE

Title (de)

VERFAHREN ZUR HERSTELLUNG VON BAUMATERIALIEN MIT WASSERWERKSSCHLAMM

Title (fr)

PROCÉDÉ DE FABRICATION DE MATÉRIAUX DE CONSTRUCTION UTILISANT LES BOUES D'UNE INSTALLATION D'ADDUCTION D'EAU

Publication

EP 2076471 A4 20120711 (EN)

Application

EP 07833347 A 20071015

Priority

- KR 2007005038 W 20071015
- KR 20060100130 A 20061016

Abstract (en)

[origin: WO2008048025A1] Disclosed are a soundproof construction composition using waterworks sludge and a method for preparing the same. The soundproof construction composition using waterworks sludge manufactured by mixing 22% by weight of a first processed clean water sludge made by firing waterworks sludge for 3-5 hours at 800°C-850°C, with 18% by weight of clay, 36% by weight of terra alba, 14% by weight of agalmatolite, and 10% by weight of dolomite to obtain a body; mixing 31.5% by weight of the body with 2.3% by weight of calcined gypsum, 11.3% by weight of cement, 0.05% by weight of aluminum powder, 0.5% by weight of starch, 0.5% by weight of titanium dioxide to prepare a powdery mixture; and mixing the powdery mixture with 10.8% by weight of phosphoric acid and 43.05% by weight of water.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [A] US 2002095817 A1 20020725 - SVEDBERG LARS-OLOV [SE]
- [Y] EP 1571135 A2 20050907 - VALORISATION CERAMIQUE DU PAYS [FR]
- [Y] US 5824148 A 19981020 - CORNWELL CHARLES E [US]
- See references of WO 2008048025A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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