

Title (en)

DRY CONSTRUCTION COMPOSITION WET-SPRAYABLE BY MEANS OF A SCREW PUMP AND CONTAINING A BINDER AND A BIOSOURCED FILLER, AND PREPARATION AND USES OF SUCH A COMPOSITION

Title (de)

MITTELS EINER SCHRAUBENPUMPE NASS SPRITZBARE TROCKENBAUZUSAMMENSETZUNG, BINDEMittel UND BIOBASIERTER FÜLLSTOFF MIT DER TROCKENBAUZUSAMMENSETZUNG SOWIE HERSTELLUNG UND VERWENDUNG SOLCH EINER ZUSAMMENSETZUNG

Title (fr)

COMPOSITION DE CONSTRUCTION SECHE PROJETABLE EN VOIE HUMIDE A L'AIDE D'UNE POMPE A VIS ET COMPRENANT UN LIANT ET UNE CHARGE BIOSOURCEE - PREPARATION ET APPLICATIONS D'UNE TELLE COMPOSITION

Publication

**EP 3371127 A1 20180912 (FR)**

Application

**EP 16806248 A 20161103**

Priority

- FR 1560504 A 20151103
- FR 2016052855 W 20161103

Abstract (en)

[origin: WO2017077246A1] The invention relates to a dry construction composition that is easily wet-sprayable by means of a screw pump, thus forming, after hardening, a durably mechanically resistant insulating material (  $\epsilon < 0.1 \text{ W}\cdot\text{m}^{-1}\cdot\text{K}^{-1}$ ). Said composition contains: -A- at least one binder, itself including: -A1- at least one main binder containing lime and/or at least one alumina source and/or at least one calcium sulfate source, preferably at least one alumina source, -A2- at least one water-retaining agent, and -A3- preferably at least one surfactant; and -B- at least one biosourced filler, preferably of plant origin. The ratio B/A (liters/kg) is between 2 and 9. Said composition is intended to be mixed with water in a water/binder ratio -A- of no lower than 0.8. The invention also relates to the wet composition, to the preparation thereof, to the binder -A- taken in isolation, and to a method for application by spraying onto a horizontal or vertical substrate or by molding.

IPC 8 full level

**C04B 28/10** (2006.01); **C04B 111/00** (2006.01); **C04B 111/28** (2006.01); **C04B 111/52** (2006.01)

CPC (source: EP ES GB US)

**C04B 18/146** (2013.01 - US); **C04B 18/248** (2013.01 - US); **C04B 24/16** (2013.01 - US); **C04B 24/383** (2013.01 - US); **C04B 28/10** (2013.01 - EP ES GB US); **C04B 28/12** (2013.01 - US); **C04B 40/065** (2013.01 - EP ES US); **B28B 1/32** (2013.01 - US); **C04B 2103/40** (2013.01 - GB US); **C04B 2103/44** (2013.01 - US); **C04B 2103/46** (2013.01 - GB); **C04B 2103/465** (2013.01 - US); **C04B 2111/00172** (2013.01 - EP ES US); **C04B 2111/00517** (2013.01 - EP ES US); **C04B 2111/00577** (2013.01 - US); **C04B 2111/00698** (2013.01 - US); **C04B 2111/28** (2013.01 - EP ES GB US); **C04B 2111/52** (2013.01 - EP ES GB US); **C04B 2201/30** (2013.01 - US); **Y02W 30/91** (2015.05 - EP ES US)

C-Set (source: EP US)

1. **C04B 28/10 + C04B 7/323 + C04B 14/06 + C04B 14/24 + C04B 40/0039 + C04B 2103/0082 + C04B 2103/0088 + C04B 2103/40 + C04B 2103/44**
2. **C04B 28/10 + C04B 7/323 + C04B 14/06 + C04B 14/24 + C04B 18/24 + C04B 18/248 + C04B 18/26 + C04B 18/265 + C04B 40/0608 + C04B 2103/0082 + C04B 2103/0088 + C04B 2103/40 + C04B 2103/44**
3. **C04B 28/10 + C04B 7/323 + C04B 14/06 + C04B 14/104 + C04B 14/24 + C04B 18/146 + C04B 18/24 + C04B 18/248 + C04B 18/26 + C04B 18/265 + C04B 24/16 + C04B 24/38 + C04B 24/383 + C04B 40/0608**
4. **C04B 28/10 + C04B 7/323 + C04B 14/06 + C04B 14/104 + C04B 14/24 + C04B 18/146 + C04B 24/16 + C04B 24/38 + C04B 24/383 + C04B 40/0608**
5. **C04B 28/10 + C04B 7/32 + C04B 14/06 + C04B 14/24 + C04B 18/24 + C04B 18/248 + C04B 18/26 + C04B 18/265 + C04B 22/143 + C04B 40/0608 + C04B 2103/0082 + C04B 2103/0088 + C04B 2103/12 + C04B 2103/22 + C04B 2103/40 + C04B 2103/44 + C04B 2103/46 + C04B 2103/65**

Citation (search report)

See references of WO 2017077246A1

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