

Title (en)
POLYURETHANE-BASED POLYMER CONCRETES AND GROUTING MORTARS OF CONTROLLED DENSITY

Title (de)
POLYURETHAN-BASIERTE POLYMERBETONE UND VERGUSSMÖRTEL MIT KONTROLLIERTER DICHT

Title (fr)
BÉTONS POLYMÈRES À BASE DE POLYURÉTHANE ET MORTIERS DE JOINTOIEMENT À DENSITÉ CONTRÔLÉE

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Application
EP 21806780 A 20211122

Priority
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Abstract (en)
[origin: WO2022112149A1] The present invention relates to the use of a desiccant to influence the density of a curable binder composition comprising a) at least one organic binder, comprising a polyisocyanate and a polyol, and b) at least 50 wt.% of an inorganic filler F, in particular in the form of quartz aggregates and/or slag, the weight ratios being relative to 100 wt.% of the binder composition.

IPC 8 full level
C04B 26/16 (2006.01); **C04B 40/06** (2006.01)

CPC (source: EP US)
C04B 14/047 (2013.01 - US); **C04B 14/06** (2013.01 - US); **C04B 14/28** (2013.01 - US); **C04B 22/142** (2013.01 - US); **C04B 26/16** (2013.01 - EP US); **C04B 38/0051** (2013.01 - US); **C04B 38/10** (2013.01 - US); **C04B 40/065** (2013.01 - EP US); **C04B 2103/465** (2013.01 - US); **C04B 2103/50** (2013.01 - EP); **C04B 2111/26** (2013.01 - EP); **C04B 2111/40** (2013.01 - US); **C04B 2201/20** (2013.01 - US); **Y02W 30/91** (2015.05 - EP)

C-Set (source: EP)
1. **C04B 2103/50 + C04B 14/047 + C04B 22/062 + C04B 22/10 + C04B 22/124 + C04B 22/142 + C04B 22/143**
2. **C04B 26/16 + C04B 14/047 + C04B 14/06 + C04B 14/28 + C04B 14/368 + C04B 18/141 + C04B 22/062 + C04B 22/10 + C04B 22/124 + C04B 22/142 + C04B 22/143 + C04B 24/02 + C04B 2103/32**
3. **C04B 40/065 + C04B 14/047 + C04B 14/06 + C04B 14/28 + C04B 14/368 + C04B 18/141 + C04B 22/062 + C04B 22/10 + C04B 22/124 + C04B 22/142 + C04B 22/143 + C04B 24/02 + C04B 26/16 + C04B 2103/32**

Citation (search report)
See references of WO 2022112149A1

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Designated extension state (EPC)
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KH MA MD TN

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 20210147 A 20201126; AU 2021388762 A 20211122; CN 202180075780 A 20211122; EP 2021082436 W 20211122; EP 21806780 A 20211122; US 202118026712 A 20211122