

Title (en)

BINDING PASTE AND MIX FOR MAKING A FLOORING

Title (de)

BINDEPASTE UND -MISCHUNG ZUR HERSTELLUNG EINES BODENBELAGS

Title (fr)

PÂTE LIANTE ET MÉLANGE POUR FABRIQUER UN REVÊTEMENT DE SOL

Publication

EP 4284765 A1 20231206 (EN)

Application

EP 22704579 A 20220126

Priority

- IT 202100001646 A 20210127
- IB 2022050671 W 20220126

Abstract (en)

[origin: WO2022162548A1] A binding paste (12) for making a flooring (10) is a mixture which comprises a fluid substance and a powdered substance. The binding paste (12) has a volumic mass value which is greater than or equal to 2500 kg/m³. A mix for making the flooring (10) comprises pieces of a solid material (11) and a binding paste (12) which is a mixture comprising a fluid substance and a powdered substance. The binding paste (12) has a density which is greater than the volumic mass of the solid material (11). Specifically, the powdered substance in the binding paste is powder of at least one material which has a volumic mass value greater than or equal to 3800 kg/m³. For example, the powdered substance is powder of at least one material selected from the following materials: aluminium oxide or alumina; barium sulphate or barite; zirconium silicate; zirconium oxide or zirconia; titanium dioxide; rutile; chromite; magnetite. For example, the fluid substance in the binding paste is water and the binding paste also comprises a cementitious binding substance, or the fluid substance is a polymeric substance such as a resin. For example, the pieces of the solid material (11) are pieces of at least one material selected from the following materials: quartz; glass; marble; granite; porphyry. The flooring (10), which in particular is a flooring of the Venetian type, is formed by a layer of solidified binding paste in which the pieces of the solid material (11) are embedded and bound by the solidified binding paste.

IPC 8 full level

C04B 28/02 (2006.01); **C04B 26/02** (2006.01); **C04B 26/14** (2006.01); **C04B 28/00** (2006.01); **C04B 28/06** (2006.01); **C04B 111/60** (2006.01)

CPC (source: EP)

C04B 26/02 (2013.01); **C04B 26/14** (2013.01); **C04B 28/006** (2013.01); **C04B 28/02** (2013.01); **C04B 28/065** (2013.01); **C04B 2111/0031** (2013.01); **C04B 2111/60** (2013.01); **C04B 2201/20** (2013.01)

C-Set (source: EP)

1. **C04B 28/02 + C04B 14/04 + C04B 14/046 + C04B 14/048 + C04B 14/06 + C04B 14/22 + C04B 14/28 + C04B 14/303 + C04B 14/305 + C04B 14/306 + C04B 14/307 + C04B 14/308 + C04B 14/368 + C04B 2103/32 + C04B 2103/54**
2. **C04B 26/02 + C04B 14/04 + C04B 14/046 + C04B 14/048 + C04B 14/06 + C04B 14/22 + C04B 14/28 + C04B 14/303 + C04B 14/305 + C04B 14/306 + C04B 14/307 + C04B 14/308 + C04B 14/368 + C04B 2103/32 + C04B 2103/54**
3. **C04B 28/006 + C04B 14/04 + C04B 14/046 + C04B 14/048 + C04B 14/06 + C04B 14/22 + C04B 14/28 + C04B 14/303 + C04B 14/305 + C04B 14/306 + C04B 14/307 + C04B 14/308 + C04B 14/368 + C04B 2103/32 + C04B 2103/54**
4. **C04B 28/065 + C04B 7/02 + C04B 14/306 + C04B 14/368 + C04B 18/146**
5. **C04B 26/14 + C04B 14/306 + C04B 14/368**

Citation (search report)

See references of WO 2022162548A1

Designated contracting state (EPC)

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