Title (en)

INSULATING MORTAR COMPOSITION

Title (de)

ISOLATIONSMÖRTELZUSAMMENSETZUNG

Title (fr)

COMPOSITION DE MORTIER ISOLANT

Publication

EP 2981512 A1 20160210 (FR)

Application

EP 14722256 A 20140402

Priority

- FR 1353034 A 20130404
- FR 2014050784 W 20140402

Abstract (en)

[origin: WO2014162097A1] The present invention describes a weight-reduced insulating mortar which has a density of less than 300 kg/m3 in the hardened state, comprising at least one inorganic binder chosen from cement and lime, in an amount of between 50% and 95% by weight relative to the total composition of the mortar, at least 1% by weight of a polymeric adjuvant relative to the total composition of the mortar, at least 0.2% by weight of a rheological adjuvant relative to the total composition of the mortar and, optionally, aggregates, wherein said mortar comprises at least 70% by volume of weight-reducing fillers having a thermal conductivity of less than 55 mW/m.K, relative to the composition of the mortar, said fillers being chosen from expanded polystyrene, aerogels, hollow glass microspheres, expanded glass beads, cenospheres, vermiculite and perlite, and in which at least 10% by weight of said inorganic binder is substituted by a pozzolanic agent.

IPC 8 full level

C04B 28/04 (2006.01); **C04B 28/10** (2006.01); **C04B 28/12** (2006.01)

CPC (source: EP RU)

C04B 14/185 (2013.01 - RU); **C04B 14/204** (2013.01 - RU); **C04B 14/24** (2013.01 - RU); **C04B 14/302** (2013.01 - RU); **C04B 16/08** (2013.01 - RU); **C04B 18/106** (2013.01 - RU); **C04B 18/141** (2013.01 - RU); **C04B 18/146** (2013.01 - RU); **C04B 22/04** (2013.01 - RU); **C04B 22/068** (2013.01 - RU); **C04B 28/04** (2013.01 - EP RU); **C04B 28/06** (2013.01 - RU); **C04B 28/10** (2013.01 - EP); **C04B 28/12** (2013.01 - EP RU); **C04B 38/02** (2013.01 - RU); **C04B 38/08** (2013.01 - RU); C04B 2111/00146 (2013.01 - EP); C04B 2111/00517 (2013.01 - EP); C04B 2111/28 (2013.01 - EP); Y02W 30/91 (2015.05 - EP)

C-Set (source: EP)

1. **C04B 28/04** + **C04B 24/26** + **C04B 38/08** + **C04B 2103/0088** + **C04B 2103/44**
2. **C04B 28/12** + **C04B 7/02** + **C04B 16/08** + **C04B 18/141** + **C04B 24/08** + **C04B 24/2623** + **C04B 24/383** + **C04B 2103/304** + **C04B 2103/54**
3. **C04B 28/10** + **C04B 7/02** + **C04B 14/106** + **C04B 14/28** + **C04B 16/08** + **C04B 24/08** + **C04B 24/2623** + **C04B 24/383** + **C04B 2103/304** + **C04B 2103/54**
4. **C04B 28/12** + **C04B 7/02** + **C04B 7/32** + **C04B 7/323** + **C04B 14/064** + **C04B 14/106** + **C04B 14/18** + **C04B 14/204** + **C04B 14/24** + **C04B 16/08** + **C04B 18/08** + **C04B 18/082** + **C04B 18/141** + **C04B 18/146** + **C04B 24/38** + **C04B 24/383** + **C04B 38/02** + **C04B 40/0608**
5. **C04B 28/12** + **C04B 7/02** + **C04B 14/106** + **C04B 14/18** + **C04B 14/204** + **C04B 14/24** + **C04B 16/08** + **C04B 18/08** + **C04B 18/082** + **C04B 18/141** + **C04B 18/146** + **C04B 24/38** + **C04B 24/383** + **C04B 40/0608** + **C04B 2103/0057** + **C04B 2103/0088** + **C04B 2103/10** + **C04B 2103/20** + **C04B 2103/32** + **C04B 2103/408** + **C04B 2103/46** + **C04B 2103/65** + **C04B 2103/67**

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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