

Title (en)

QUICK-DRYING BUILDING MATERIAL COMPOSITION BASED ON A MINERAL HYBRID BINDER

Title (de)

SCHNELLTROCKNENDE BAUSTOFFZUSAMMENSETZUNG AUF BASIS EINES MINERALISCHEN HYBRIDBINDEMITELS

Title (fr)

COMPOSITION DE MATÉRIAUX DE CONSTRUCTION À SÉCHAGE RAPIDE À BASE D'UN LIANT HYBRIDE MINÉRAL

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Application

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Abstract (en)

[origin: WO2015150319A1] The invention relates to a quick-drying gypsum composition, in particular for use as gypsum filling compound and for the production of floorcoverings, wherein the gypsum composition contains 20 to 70% of a mixture of calcium aluminate and calcium sulfate hemihydrate and/or anhydrite and/or calcium sulfate dihydrate as hydraulic binders and 30 to 80% by weight of fillers, and wherein the weight ratio of calcium aluminate to calcium sulfate hemihydrate and/or anhydrite and/or calcium sulfate dihydrate binders lies in the range from 1:1 to 1:5. Gypsum compositions of this type are characterized by a particularly beneficial shrinkage behavior, such that stresses and cracks in the dried composition can be avoided. At the same time, the gypsum compositions dry to readiness for covering in a time that is compatible with conventional cement filling compounds.

IPC 8 full level

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Citation (search report)

See references of WO 2015150319A1

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