

Title (en)
PLASTERBOARD CONTAINING MICRO ENCAPSULATED PHASE CHANGE MATERIALS

Title (de)
GIPSBAUPLATTE ENTHALTEND MIKROVERKAPSELTE LATENTWÄRMESPEICHERMATERIALIEN

Title (fr)
PLAQUE DE PLÂTRE COMPORTANT MATÉRIAUX À CHANGEMENT DE PHASE

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EP 10763653 A 20100928

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Abstract (en)
[origin: WO2011039177A1] The present invention relates to a gypsum wallboard, comprising two cover layers and a gypsum core, wherein the gypsum core contains micro-capsules having a lipophilic capsule core and a capsule wall composed of 30 to 100% by weight, relative to the total weight of the monomers, of one or more monomers (monomers I) selected from the group consisting of C1-C24-alkyl esters of acrylic and methacrylic acid, acrylic acid, methacrylic acid, and maleic acid, 0 to 70% by weight, relative to the total weight of the monomers, of one or more monomers comprising at least two non-conjugated ethylene double bonds (monomers II), which are not soluble or hardly soluble in water, and 0 to 40% by weight, relative to the total weight of the monomers, of one or more other monomers (monomers III), and at least one polymer P, which has a glass transition temperature T_g of -60 to 160°C. The invention further relates to a method for producing same.

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