

Title (en)
SYSTEM AND METHOD FOR PRODUCING A FOAMED MATERIAL CONTAINING PLASTER

Title (de)
SYSTEM UND VERFAHREN ZUR ERZEUGUNG EINES AUFGESCHÄUMTEN GIPSHALTIGEN MATERIALS

Title (fr)
SYSTEME ET PROCEDE DE PRODUCTION D'UNE MATIERE MOUSSEE CONTENANT DU PLATRE

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Application
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Abstract (en)
[origin: WO2006027035A1] The invention relates to a system for producing a foamed material containing plaster, in particular in the form of a water-based dispersion. Said system comprises (i) hardenable plaster, (ii) at least one organic polymer which can foam together with the hardenable plaster, (iii) at least one foaming agent, (iv) optionally, at least one hardening retarder and (v) optionally, at least one hardening accelerator. Materials containing said plaster can foam easily due to said inventive method. It is also possible to produce foamed plaster materials ("plaster foam") which hardens and dries relatively quickly. The hardening and/or drying time is generally less than 24 hours. The generally water-based plaster foam applied according to the invention and which dries relatively quickly, in particular, in less than two hours, is dimensionally stable due to the hardened plaster and has a relatively high resistance.

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