

Title (en)

METHOD FOR PRODUCING A LATENT HEAT STORAGE MATERIAL

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES LATENTWÄRME-SPEICHERMATERIALS

Title (fr)

PROCÉDÉ DE FABRICATION D'UN MATÉRIAU D'ACCUMULATION DE CHALEUR LATENTE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2008138990A1] The invention relates to a method for producing a latent heat storage material from a graphitic starting material selected from the group consisting of natural graphite, expanded graphite, and/or graphite fibers, and from a phase-changing material selected from the group consisting of sugar alcohols, water, organic acids and the mixtures thereof, aqueous salt solutions, salt hydrates, mixtures of salt hydrates, salt hydrates with paraffins, inorganic and organic salts and eutectic salt mixtures, clathrates and alkali metal hydroxides, as well as mixtures of these materials, for which the graphitic starting material is treated with a plasma before being impregnated with the phase-changing material. The invention further relates to a method for producing a latent heat storage material and to a latent heat storage material produced according to the method.

IPC 8 full level

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