

Title (en)

PROCESS AND APPARATUS FOR COATING PULVERULENT MATERIAL AND COATED MATERIAL AND USE THEREOF

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BESCHICHTEN VON PULVERFÖRMIGEM MATERIAL SOWIE BESCHICHTETES MATERIAL UND DESSEN VERWENDUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LE REVÊTEMENT D'UN MATÉRIAU SOUS FORME DE POUDRE, MATÉRIAU REVÊTU ET SON UTILISATION

Publication

**EP 2117694 A1 20091118 (DE)**

Application

**EP 07857783 A 20071219**

Priority

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- DE 102006060977 A 20061220

Abstract (en)

[origin: WO2008074811A1] To coat pulverulent material with a meltable coating material, more particularly to coat  $\text{CaCO}_3$  with stearic acid or technical grade stearic acid, a mixture of the materials is heated in a gas stream, such that the coating material melts and the mixture is dispersed, the mixture is fluidized in order to contact the material to be coated with the coating material, the coated material is cooled in order to consolidate the coating, and the coated material is removed from the gas stream. The gas stream in which the mixture is heated is directed first vertically upward and then vertically downward.

IPC 8 full level

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