

Title (en)  
METHOD FOR PREPARING AQUEOUS SUSPENSIONS OF MINERAL MATERIALS USING AMINES IN COMBINATION WITH VINYL CARBOXYLIC POLYMERS

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON WÄSSRIGEN SUSPENSIONEN AUS MINERALISCHEN MATERIALIEN MIT AMINEN IN KOMBINATION MIT VINYL CARBONSÄUREPOLYMEREN

Title (fr)  
PROCEDE DE PREPARATION DE SUSPENSIONS AQUEUSE DE MATIERES MINERALES AU MOYEN D'AMINES EN COMBINAISON AVEC DES POLYMERES VINYL-CARBOXYLIQUES

Publication  
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Application  
**EP 11801824 A 20111117**

Priority

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Abstract (en)  
[origin: EP2455429A1] Preparing an aqueous suspension of mineral material comprises: (a) providing at least one mineral material; (b) preparing an aqueous suspension comprising at least the mineral material; (c) grinding the mineral material of the aqueous suspension; and (d) optionally selecting and/or concentrating the aqueous suspension before dispersing the obtained concentrate. Preparing an aqueous suspension of mineral material comprises: (a) providing at least one mineral material; (b) preparing an aqueous suspension comprising at least the mineral material; (c) grinding the mineral material of the aqueous suspension; and (d) optionally selecting and/or concentrating the aqueous suspension before dispersing the obtained concentrate, where at least one amine and a vinyl-carboxylic acid polymer totally neutralized by a neutralizing agent different from the amine, is added between the steps (a), (b) and/or (c) or during step (c) or after step (c) during or after dispersing the obtained concentrate.

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