

## 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

**EP 2640786 A1 20130925 (FR)**

## Application

**EP 11801824 A 20111117**

## Priority

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- US 41590710 P 20101122
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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.

## IPC 8 full level

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