Title (en)
METHOD FOR THE PREPARATION OF A NANOCOMPOSITE FLUID DISPERSION FOR COATING

Title (de)
VERFAHREN ZUR HERSTELLUNG EINER FLÜSSIGEN NANOVERBUNDSTOFFDISPERSION ZUR BESCHICHTUNG

Title (fr)
PROCEDE DE PREPARATION D'UNE DISPERSION FLUIDE NANOCOMPOSITE POUR ENDUCTION

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EP 1373372 A1 20040102 (FR)

Application
EP 02718256 A 20020312

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Abstract (en)
[origin: WO02072674A1] The method for the production of a nanocomposite dispersion comprising a solvent, a resin and a nanoparticlulate mineral charge consists of the following steps: a) the mineral charge is dispersed in the solvent, generally at a shear speed of gamma < gamma MAX, in order to obtain a nanoparticulate dispersion of exfoliated lamellae, said mineral charge having been previously selected according to the solvent, in order to obtain a fluid nanoparticulate dispersion comprising exfoliated lamellae having a high average form factor, b) said resin is then incorporated into the nanoparticulate dispersion in order to form the nanocomposite dispersion. The nanoparticulate dispersion is then applied to a support, generally by means of coating.

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CPC (source: EP US)
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Citation (search report)
See references of WO 02072674A1

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