

Title (en)
HYBRID NANOPARTICLES

Title (de)
HYBRIDE NANOPARTIKEL

Title (fr)
NANOPARTICULES HYBRIDES

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Abstract (en)
[origin: WO2009003981A2] The invention relates to particles which can be obtained by reacting compounds that can form inorganic nanoparticles with organic molecules containing functional groups and to the use of said particles for finishing deactivated organic polymers, in particular for stabilising said polymers against the action of UV radiation. The invention also relates to liquid formulations containing particles of this type, to methods for producing the particles and their liquid formulations, to powders that can be obtained from the aforementioned liquid formulations and also to liquid formulations that can be obtained by the deflocculation of the powder. The invention further relates to the use of nanoparticles, on the surface of which organic, light-absorbing compounds are bonded, for stabilising polymers against the action of light, radicals or heat.

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