Title (en)

REDISPERSIBLE PARTICLES BASED ON SILICON PARTICLES AND POLYMERS

Title (de)

REDISPERGIERBARE PARTIKEL BASIEREND AUF SILICIUMPARTIKELN UND POLYMEREN

Title (fr)

PARTICULES REDISPERSIBLES À BASE DE PARTICULES DE SILICIUM ET DE POLYMÈRES

Publication

EP 3580794 A1 20191218 (DE)

Application

EP 17708169 A 20170209

Priority

EP 2017052864 W 20170209

Abstract (en)

[origin: WO2018145747A1] The invention relates to methods for producing redispersible particles based on silicon particles and polymers, characterised in that a) mixtures containing silicon particles with average particle diameters d50 of > 600 nm, one ore more polymers containing functional groups selected from the group comprising carboxyl-, ester-, alkoxy-, amide-, imide- und hydroxy-groups, as well as one or more solvents are dried; and subsequently b) a thermal treatment is carried out at a temperature of 80°C until below the decomposition temperature of the polymers.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2018145747A1

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