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(54) **PARTICULATE FILLER WITH REDUCED DUST FORMATION, METHOD FOR ITS PREPARATION AND ITS USE**

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(57) **ABSTRACT**

A method for the preparation of a particulate filler with slight dust formation suitable for use in composite materials, wherein the mean particle size of the filler measured by air jet sieving and/or Sedigraph is $\leq 300 \mu\text{m}$ and is characterised by the following steps: Providing carrier particles which have an average particle size measured by air jet sieving and/or Sedigraph $\leq 300 \mu\text{m}$, providing a silane, siloxane and/or silicone, providing a paraffin oil, preparing a liquid coating compound by mixing the silane, siloxane and/or silicone with the paraffin oil and optionally further components, coating the carrier particles with the coating compound in a mixing device. The invention also relates to a particulate filler with slight dust formation and the use of such a particulate filler as a filler in a casting slip and/or a composite material, i.e. also a composite material comprising a binder and such a filler.

