

Title (en)
NOVEL METHOD OF PREPARING PRECIPITATED SILICAS, NOVEL PRECIPITATED SILICAS, AND THEIR USES, IN PARTICULAR FOR REINFORCING POLYMERS

Title (de)
NEUARTIGES VERFAHREN ZUR HERSTELLUNG VON FÄLLUNGSKIESELSÄUREN, NEUARTIGE FÄLLUNGSKIESELSÄUREN UND DEREN VERWENDUNGEN, INSBESONDERE ZUR VERSTÄRKUNG VON POLYMEREN

Title (fr)
NOUVEAU PROCEDE DE PREPARATION DE SILICES PRECIPITEES, NOUVELLES SILICES PRECIPITEES ET LEURS UTILISATIONS, NOTAMMENT POUR LE RENFORCEMENT DE POLYMERES

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Abstract (en)
[origin: WO2015121332A1] The invention relates to a novel method of preparing a precipitated silica, wherein: a silicate is made to react with an acidifying agent, so as to obtain a precipitated silica suspension; the precipitated silica suspension is filtered so as to obtain a filter cake; the filter cake is subjected to a disintegration operation involving the addition of at least one aluminium compound; and the disintegration operation is followed by a drying step. The invention is characterized in that, during or after the disintegration operation, at least one polycarboxylic acid is added to the filter cake. The invention also concerns novel precipitated silicas and their uses.

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