

Title (en)

USE OF DOPED PRECIPITATE SILICA SUSPENSIONS WITH SMALL PARTICLE-SIZE AS PAPER FILLER

Title (de)

VERWENDUNG VON DOTIERTEN FÄLLUNGSKIESELSÄURESUSPENSIONEN MIT GERINGER TEILCHENGRÖSSE ALS FÜLLSTOFF FÜR PAPIER

Title (fr)

APPLICATION DE SUSPENSIONS DE SILICE PRECIPITEE, DOPEE ET DE FAIBLE GRANULOMETRIE COMME CHARGE POUR PAPIER

Publication

**EP 1345851 A1 20030924 (FR)**

Application

**EP 01995791 A 20011224**

Priority

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Abstract (en)

[origin: WO02051750A1] The invention concerns a precipitate silica suspension, said silica containing, bound to its surface at least a metal element at least divalent. The invention is characterised in that the silica particles have a median diameter in volume less than 2  $\mu$  m. The invention further concerns the use of said suspension as paper filler and more particularly for enhancing printing properties.

IPC 1-7

**C01B 33/193**; C09C 1/30; D21H 17/69; D21H 21/52

IPC 8 full level

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Citation (search report)

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