

Title (en)

BENTONITE FOR BINDING IMPURITIES DURING PAPER PRODUCTION

Title (de)

BENTONITE ZUR STÖRSTOFFBINDUNG IN DER PAPIERHERSTELLUNG

Title (fr)

BENTONITE DESTINEE A LIER DES IMPURETES DANS LA FABRICATION DE PAPIER

Publication

EP 1825056 B1 20150114 (DE)

Application

EP 05826382 A 20051130

Priority

- EP 2005012775 W 20051130
- DE 102004060587 A 20041216

Abstract (en)

[origin: WO2006063682A2] Disclosed is a method for binding impurities during the production of paper. Said method comprises the following steps: a) a bentonite is provided, the ratio of monovalent cations in the cation exchange capacity (CEC) of the bentonite being at least 0.7 and the CEC amounting to more than 85 meq/100g, preferably more than 90 meq/100g, particularly more than 95 meq/100g; b) the bentonite provided according to step a) is added to a paper pulp or pulp slurry; and c) the impurities are bonded to the bentonite in the pulp or pulp slurry.

IPC 8 full level

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CPC (source: EP KR US)

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