

Title (en)

METHOD AND APPARATUS FOR THE TREATMENT OF CALCIUM CARBONATE SLURRY AS RESIDUE FROM THE MANUFACTURE OF PAPER

Publication

EP 0369650 B1 19930428 (EN)

Application

EP 89311391 A 19891102

Priority

SE 8804160 A 19881117

Abstract (en)

[origin: EP0369650A2] In a method and using an apparatus for carrying out the method for the treatment of calcium carbonate slurry ("mesa"), which is a re-utilizable residue from the causticisation of sodium carbonate with burnt lime in the manufacture of paper after the sulphate process, the lime sludge or "mesa cake" is conditioned in a mixer (21) with dry, powdery raw material (CaCO_3) to a loose, moist mesa pulp which is fed to the lower end of a riser pipe (17) constructed as a flash duct wherein the mesa pulp is suspended, dried and pulverized by means of hot smoke gas from a kiln (1), whereupon the dry, powdery product is separated from the smoke gas in a separator (18) and fed to the kiln (1) for further treatment in same.

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D21C 11/00

IPC 8 full level

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CPC (source: EP)

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Cited by

EP1092059A4; US5213496A; US5989018A; US5846378A; AU706803B2; US6348128B1; US7300539B2; WO9100251A1; US6663749B2; WO2012126594A1; DE102011014348A1

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