

Title (en)

METHOD FOR REMOVING SOLIDS FROM A FIBRE SUSPENSION BY FLOTATION AND FLOTATION DEVICE FOR CARRYING OUT THE SAME

Title (de)

VERFAHREN ZUR ENTFERNUNG VON FESTSTOFFEN AUS EINER FASERSUSPENSION DURCH FLOTATION SOWIE FLOTATIONSVORRICHTUNG ZU SEINER DURCHFÜHRUNG

Title (fr)

PROCÉDÉ PERMETTANT DE RETIRER DES MATIÈRES SOLIDES D'UNE SUSPENSION DE FIBRES PAR FLOTTATION ET DISPOSITIF DE FLOTTATION PERMETTANT LA MISE EN OEUVRE DUDIT PROCÉDÉ

Publication

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Application

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Abstract (en)

[origin: WO2010069670A2] The invention relates to a method for removing solids from an aqueous fiber suspension (S) by means of gas bubbles (4), in particular from a waste paper suspension, wherein gas (6) is introduced into the fibre suspension (S) in at least one mixing device (1) and gas bubbles are formed. The gasified suspension (S') is taken from the mixing device (1) through an adjustable flow resistance, in particular a throttle (4), into a flotation tank (3), in which the separation of solids by flotation occurs. The method permits the air content of the gasified suspension (S') to be adjusted.

IPC 8 full level

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