

Title (en)

Method of dosable dilution of pulp suspension in or before a head box of a paper machine

Title (de)

Verfahren zur dosierbaren Verdünnung der Faserstoffsuspension in oder vor einem Stoffauflauf einer Papiermaschine

Title (fr)

Procédé pour la dilution dosée d'une suspension fibreuse dans ou avant la caisse de tête d'une machine à papier

Publication

EP 1063347 B1 20050803 (DE)

Application

EP 00106900 A 20000331

Priority

DE 19928488 A 19990622

Abstract (en)

[origin: EP1063347A1] To give a dosed dilution to a fiber suspension (S), at or in front of the stock inlet (1) of a papermaking machine (3), water dosing points (2) lie across the stock inlet (1) to deliver the diluting water (W). The diluting water (W) is the clouded filtrate (TF) taken from a filter unit (4), which processes the extracted water (SW2) from the second fourdrinier section of the papermaking machine (3). The filter unit (4) is a disk filter assembly with at least one filter disk (9) divided into segments (5), or it is a filter press. The filter (4) processes extracted water from the papermaking machine associated with the stock inlet being provided with the diluting water, using extracted water (SW2) from the second fourdrinier section of the papermaking machine (3). The clouded filtrate (TF) has a solid content of 100-500 ppm. The solid content of the extracted water being filtered is at least twice as high as in the clouded filtrate, at least at 600 ppm.

IPC 1-7

D21F 1/08; **D21F 1/66**

IPC 8 full level

D21F 1/08 (2006.01); **D21F 1/66** (2006.01)

CPC (source: EP)

D21F 1/08 (2013.01); **D21F 1/66** (2013.01)

Cited by

US8493656B2; WO2013083395A1

Designated contracting state (EPC)

AT CH DE FI FR LI SE

DOCDB simple family (publication)

EP 1063347 A1 20001227; **EP 1063347 B1 20050803**; AT E301208 T1 20050815; CA 2312301 A1 20001222; DE 19928488 C1 20010118; DE 50010863 D1 20050908

DOCDB simple family (application)

EP 00106900 A 20000331; AT 00106900 T 20000331; CA 2312301 A 20000620; DE 19928488 A 19990622; DE 50010863 T 20000331