

Title (en)

Method and device for regulating the transverse grammage profile of a fibrous web

Title (de)

Verfahren und Vorrichtung zur Regelung des Flächengewichtsquerprofils einer Faserstoffbahn

Title (fr)

Procédé et dispositif pour réguler le profil transversal de grammage d'une bande fibreuse

Publication

EP 1645684 B1 20080102 (DE)

Application

EP 05108909 A 20050927

Priority

DE 102004049261 A 20041009

Abstract (en)

[origin: EP1645684A1] In a paper (2) manufacturing process a highly consistent fibrous suspension (QH) is fed (3) from a headbox (4) to a sieve (5) belt. Water is drained from the belt for recovery (QN) and pumped (11) to a return system (9) as a dilution agent for the incoming suspension (QH). The recovered water and fresh incoming water are combined via a feed system (13) to modify the paper specific area weight. Also claimed is a suitable assembly.

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

DE102008058415A1; DE102008056505A1; DE102008058414A1; CN102301067A; CN103154362A; DE102007038091A1; DE102009006715A1; DE102007038089A1; DE102007038088A1; DE102007038090A1; WO2009021802A1; WO2009021803A1; DE102010030996A1; WO2012004196A1; WO2011072906A1; DE102009054816A1; DE102008061970A1; US8313618B2; DE102010038694A1; WO2012013407A1; DE102012203379A1; WO2013131699A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1645684 A1 20060412; **EP 1645684 B1 20080102**; AT E382735 T1 20080115; DE 102004049261 A1 20060413; DE 502005002386 D1 20080214

DOCDB simple family (application)

EP 05108909 A 20050927; AT 05108909 T 20050927; DE 102004049261 A 20041009; DE 502005002386 T 20050927