

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 A1 20060412 (DE)

Application

EP 05108909 A 20050927

Priority

DE 102004049261 A 20041009

Abstract (en)

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)

Citation (search report)

- [AD] EP 1155187 B
- [A] US 6368461 B1 20020409 - RUF WOLFGANG [DE], et al

Cited by

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

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