

Title (en)

Method and machine for manufacturing a fibrous web

Title (de)

Verfahren und Vorrichtung zur Herstellung einer Faserstoffbahn

Title (fr)

Méthode et machine pour produire une bande de matériau fibreux

Publication

EP 1780333 A3 20070725 (DE)

Application

EP 06122042 A 20061010

Priority

DE 102005051656 A 20051028

Abstract (en)

[origin: EP1780333A2] Producing a paper web by distributing high- and low-consistency stock streams over common sections across the machine width, mixing the streams in each section in a variable ratio, feeding each mixed stream onto a wire through a headbox, and using the mixing ratio in each mixed stream as a control variable for controlling the transverse grammage profile of the web, comprises adjusting the pulp/filler ratio in the low-consistency stream before distributing it so that the filler content of the paper web can be adjusted independently of the grammage. An independent claim is also included for apparatus comprising devices for performing the above operations.

IPC 8 full level

D21F 1/08 (2006.01); **D21G 9/00** (2006.01); **D21H 23/06** (2006.01)

CPC (source: EP US)

D21F 1/08 (2013.01 - EP US); **D21G 9/0027** (2013.01 - EP US); **D21H 17/67** (2013.01 - EP US); **D21H 23/78** (2013.01 - EP US); **Y10S 162/11** (2013.01 - EP)

Citation (search report)

- [A] EP 1028191 A2 20000816 - VOITH SULZER PAPIERTECH PATENT [DE]
- [A] DE 19843727 A1 20000330 - VOITH SULZER PAPIERTECH PATENT [DE]
- [A] WO 9824973 A1 19980611 - EKA CHEMICALS AB [SE]

Cited by

US7763148B2

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1780333 A2 20070502; **EP 1780333 A3 20070725**; **EP 1780333 B1 20080813**; AT E404730 T1 20080815; DE 102005051656 A1 20070503; DE 502006001317 D1 20080925; US 2007095495 A1 20070503; US 7763148 B2 20100727

DOCDB simple family (application)

EP 06122042 A 20061010; AT 06122042 T 20061010; DE 102005051656 A 20051028; DE 502006001317 T 20061010; US 55363606 A 20061027