

Title (en)

Process to introduce substances in a moving fiber web

Title (de)

Verfahren zum Einlagern von Substanzen in eine laufende Faserstoffbahn

Title (fr)

Procédé pour introduire des substances dans une bande fibreuse en mouvement

Publication

EP 0839950 A3 19981209 (DE)

Application

EP 97118504 A 19971024

Priority

DE 19644867 A 19961029

Abstract (en)

[origin: EP0839950A2] To deposit substances in a moving fibre web, they are added to the pulp in or in front of the stock inlet of a papermaking machine, at different points across the width of the stock inlet. At least at one delivery point, the substances are delivered at intermittent intervals. Preferably the substance feed, at different points, gives the cross section of the web. At least one of the substances is a liquid, such as a dye, and at least some substances are powders. At least some of the added substances are solids. The feeds of the substances are controlled to set the delivered vols. and the delivery duration times.

IPC 1-7

D21F 1/44; **D21H 21/28**; **D21H 21/42**

IPC 8 full level

D21F 1/44 (2006.01); **D21H 21/28** (2006.01); **D21H 21/42** (2006.01)

CPC (source: EP)

D21F 1/44 (2013.01); **D21H 21/42** (2013.01); **D21H 21/28** (2013.01); **D21H 21/285** (2013.01)

Citation (search report)

- [A] EP 0355734 A2 19900228 - DU PONT [US]
- [A] US 5560807 A 19961001 - HAUSER MERLE W [US]

Cited by

BG64397B1; WO9966128A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0839950 A2 19980506; **EP 0839950 A3 19981209**; **EP 0839950 B1 20030528**; AT E241727 T1 20030615; DE 59710160 D1 20030703; ES 2199320 T3 20040216

DOCDB simple family (application)

EP 97118504 A 19971024; AT 97118504 T 19971024; DE 59710160 T 19971024; ES 97118504 T 19971024