

Title (en)

Process and apparatus for making a paperweb

Title (de)

Vorrichtung und Verfahren zum Herstellen einer Papierbahn

Title (fr)

Procédé et dispositif pour la fabrication d' une bande de papier

Publication

EP 1008690 A3 20050309 (DE)

Application

EP 99123338 A 19991123

Priority

DE 19856277 A 19981207

Abstract (en)

[origin: EP1008690A2] In the papermaking machine, at the output section (3) of the machine, there is a cutting assembly (4), splitting the band into longitudinal strips. An Independent claim is included for the corresponding method of manufacture. Preferred features: A turning equipment (5) follows the cutter, changing the direction of the product, essentially within the plane of the web (2). The output direction of the turning system can be altered. Following the paper strip (A-D) separation and the turning system, there are different types of improvement units (12-17) falling into groups (12-14; 15, 16) which operate in different directions. There is one further group of improvement units (17). Adjacent groups include angles of 90 degrees .

IPC 1-7

D21F 9/00; **D21G 9/00**; **D21G 1/00**

IPC 8 full level

D21F 9/00 (2006.01); **D21G 1/00** (2006.01); **D21G 9/00** (2006.01)

CPC (source: EP US)

D21F 9/00 (2013.01 - EP US); **D21G 1/00** (2013.01 - EP US); **D21G 9/00** (2013.01 - EP US)

Citation (search report)

- [XY] US 1545634 A 19250714 - BIRD CHARLES S
- [X] US 1914799 A 19330620 - BIDWELL GEORGE L
- [X] US 702205 A 19020610 - HANSCOM JOHN B [US]
- [Y] US 4939888 A 19900710 - KATZ ROBERT E [US], et al
- [A] US 5771793 A 19980630 - KAYSER FRANZ [DE]

Cited by

EP1997954A1; EP1816257A1; US6740200B2; WO0165005A1; WO03069059A1; WO03054293A1

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