

Title (en)

Device for improving the properties of a fibrous web manufactured in a web former

Title (de)

Vorrichtung zur Verbesserung der Eigenschaften einer in einer Blattbildungseinrichtung hergestellten Faserstoffbahn

Title (fr)

Dispositif pour améliorer les propriétés d'une bande de matériau fibreux fabriquée dans une section de formage

Publication

**EP 1489225 A3 20070905 (DE)**

Application

**EP 04102775 A 20040617**

Priority

DE 10327427 A 20030618

Abstract (en)

[origin: EP1489225A2] A papermaking headbox discharges a fibre suspension through a slit to form a paper, carton or tissue web (2.1) on a sieve conveyer (3.1, 3.2) supported by battens (4) transverse to the direction (S) of sieve movement. Each batten has two raised edges (5.1, 5.2) in contact with the sieve under-surface. The first raised edge has wave profile (6) while the second raised edge is essentially straight (7). The first raised edge is the leading edge and the second edge is the trailing edge. The wave detents at the trailing edge describe an angle of 90 to 120 with the crest at the leading edge.

IPC 8 full level

**D21F 1/48** (2006.01)

CPC (source: EP)

**D21F 1/483** (2013.01)

Citation (search report)

- [X] GB 2137245 A 19841003 - ALBANY INT CORP
- [X] US 5562807 A 19961008 - BALUHA MARK R [US]
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- [PX] WO 03076713 A1 20030918 - METSO PAPER INC [FI], et al

Cited by

US2022112660A1; US11781269B2; WO2011116999A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

**EP 1489225 A2 20041222; EP 1489225 A3 20070905**; DE 10327427 A1 20050317

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