

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 Blattbildungsvorrichtung hergestellten Faserstoffbahn

Title (fr)

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

Publication

EP 1489226 A3 20050817 (DE)

Application

EP 04102803 A 20040618

Priority

DE 10327424 A 20030618

Abstract (en)

[origin: EP1489226A2] A papermaking headbox discharges a fibrous suspension through a converging slit (1) with a first wide converging section (K) translating to a narrower section (5.1, 5.2) with parallel faces of constant height (Hs). The passage (2) has upper and lower sieve fibre guide inserts (3.1, 3.2) separate from the converging sidewalls (K) and subsequently translating to contact zones in the narrower section. The inserts are mirror-image panel units containing perforations, slits or other selected apertures.

IPC 1-7

D21F 1/48; **D21F 1/52**; **D21F 9/00**

IPC 8 full level

D21F 1/48 (2006.01); **D21F 1/52** (2006.01)

CPC (source: EP)

D21F 1/483 (2013.01); **D21F 1/523** (2013.01)

Citation (search report)

- [XY] US 5061347 A 19911029 - BUBIK ALFRED [DE], et al
- [Y] EP 0251778 A1 19880107 - AHLSTROEM OY [FI]
- [Y] US 4425188 A 19840110 - FUJIWARA HARUYOSHI [JP]
- [YD] DE 29714908 U1 19971016 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [Y] US 6375799 B1 20020423 - HALMSCHLAGER GUENTER [AT], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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