

Title (en)

Headbox and process for making a multi-layer paper web

Title (de)

Stoffauflauf und Verfahren zur Erzeugung einer mehrschichtigen und mehrlagigen Papierbahn

Title (fr)

Caisse de tête et procédé pour la fabrication d'une bande de papier multi-couche

Publication

EP 0632159 B1 19970326 (DE)

Application

EP 94108663 A 19940607

Priority

DE 4321268 A 19930628

Abstract (en)

[origin: US5609726A] A multilayer headbox of a paper machine for producing a paper web with several layers having different properties, and an appropriate method therefor. In at least one first layer there is adjusted alone the fiber orientation cross profile and in at least one second layer there is adjusted alone the basis weight cross profile.

IPC 1-7

D21F 1/02; **D21F 1/06**; **D21F 1/08**; **D21F 9/00**

IPC 8 full level

D21F 1/02 (2006.01); **D21F 1/06** (2006.01); **D21F 1/08** (2006.01); **D21F 9/00** (2006.01); **D21F 11/04** (2006.01)

CPC (source: EP US)

D21F 9/006 (2013.01 - EP US); **D21F 11/04** (2013.01 - EP US); **Y10S 162/11** (2013.01 - EP US)

Cited by

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AT CH DE FR GB IT LI SE

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US 5609726 A 19970311; AT E150815 T1 19970415; CA 2126902 A1 19941229; DE 4321268 A1 19931202; DE 4321268 C2 19960814; DE 59402201 D1 19970430; EP 0632159 A1 19950104; EP 0632159 B1 19970326; FI 112259 B 20031114; FI 942997 A0 19940621; FI 942997 A 19941229; JP 3400109 B2 20030428; JP H07138893 A 19950530

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US 26642594 A 19940627; AT 94108663 T 19940607; CA 2126902 A 19940628; DE 4321268 A 19930628; DE 59402201 T 19940607; EP 94108663 A 19940607; FI 942997 A 19940621; JP 14632994 A 19940628