

Title (en)
METHOD AND APPARATUS FOR MANUFACTURING MULTILAYER FILTER MATERIAL.

Title (de)
VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON MEHRLAGIGEM FILTERMATERIAL.

Title (fr)
PROCEDE ET APPAREIL DE FABRICATION D'UN MATERIAU FILTRANT MULTICOUCHE.

Publication
EP 0537142 B1 19940413 (EN)

Application
EP 90909742 A 19900705

Priority
FI 9000174 W 19900705

Abstract (en)
[origin: WO9201112A1] A method and apparatus for manufacturing multilayer filter paper on an inclined wire former. The former is provided with a forming wire (4) having an inclined wire portion (10) and a substantially horizontal wire portion (12). Stock is delivered to the former from a multichannel headbox (14) in which the flow channels (18) are arranged one above the other in such a way that the upper wall (16n) of one channel (18n-1) forms the lower wall (18n) of the flow channel on top of it, the flow channels leading to subsequent forming zones in each of which a layer of fibers superimposed on the layer formed in the preceding forming zone, is to be formed. The inclination angle (α) of the inclined wire portion decreases gradually in the travelling direction of the wire.

IPC 1-7
D21F 11/04; **D21F 9/02**

IPC 8 full level
D21F 1/00 (2006.01); **D21F 1/02** (2006.01); **D21F 1/20** (2006.01); **D21F 9/02** (2006.01); **D21F 11/04** (2006.01)

CPC (source: EP KR)
D21F 1/00 (2013.01 - KR); **D21F 1/009** (2013.01 - EP); **D21F 1/02** (2013.01 - EP); **D21F 1/20** (2013.01 - EP); **D21F 9/02** (2013.01 - EP KR); **D21F 11/04** (2013.01 - EP KR)

Designated contracting state (EPC)
AT DE FR GB IT SE

DOCDB simple family (publication)
WO 9201112 A1 19920123; AT E104384 T1 19940415; DE 69008198 D1 19940519; DE 69008198 T2 19940728; EP 0537142 A1 19930421; EP 0537142 B1 19940413; FI 925960 A0 19921231; FI 925960 A 19921231; JP H05502066 A 19930415; KR 930700732 A 19930315; KR 950014936 B1 19951218

DOCDB simple family (application)
FI 9000174 W 19900705; AT 90909742 T 19900705; DE 69008198 T 19900705; EP 90909742 A 19900705; FI 925960 A 19921231; JP 50903990 A 19900705; KR 920702684 A 19921029