

Title (en)

METHOD AND APPARATUS FOR MANUFACTURING MULTILAYER FILTER MATERIAL.

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINES MEHRLAGIGEN FILTERMATERIALS.

Title (fr)

PROCEDE ET APPAREIL DE FABRICATION D'UN MATERIAU FILTRANT MULTICOUCHE.

Publication

EP 0537140 B1 19941005 (EN)

Application

EP 90909740 A 19900705

Priority

FI 9000176 W 19900705

Abstract (en)

[origin: WO9201114A1] A method and apparatus for manufacturing multilayer filter paper on an inclined wire former. The former is provided with a forming wire having an inclined wire portion and a substantially horizontal wire portion. Stock is delivered to the former from a multichannel headbox in which the flow channels are arranged one above the other in such a way that the upper wall of one channel forms the lower wall of the flow channel above 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 means for supplying stock to the headbox comprises a conduit and valve system by means of which stock from any one of the stock chests can be delivered to any one of the flow channels of the headbox.

IPC 1-7

D21F 11/04; **D21F 9/02**

IPC 8 full level

B01D 39/00 (2006.01); **B01D 39/18** (2006.01); **D21F 1/00** (2006.01); **D21F 1/02** (2006.01); **D21F 1/20** (2006.01); **D21F 1/66** (2006.01); **D21F 9/02** (2006.01); **D21F 11/04** (2006.01); **D21F 11/14** (2006.01)

CPC (source: EP KR)

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

Cited by

US9694306B2; US10155187B2; US8357220B2; US8545587B2

Designated contracting state (EPC)

AT DE FR GB IT SE

DOCDB simple family (publication)

WO 9201114 A1 19920123; DE 69013168 D1 19941110; DE 69013168 T2 19950223; EP 0537140 A1 19930421; EP 0537140 B1 19941005; FI 925961 A0 19921231; FI 925961 A 19921231; JP H05507127 A 19931014; KR 930701662 A 19930612; KR 960003187 B1 19960306

DOCDB simple family (application)

FI 9000176 W 19900705; DE 69013168 T 19900705; EP 90909740 A 19900705; FI 925961 A 19921231; JP 50904190 A 19900705; KR 920702982 A 19921126