

Title (en)

Method and apparatus for applying an additive on a filter material web

Title (de)

Verfahren und Einrichtung zur Zufuhr eines Zusatzstoffes auf eine Filtermaterialbahn

Title (fr)

Méthode et appareil pour appliquer un additif sur une bande de matériau filtrant

Publication

EP 1754418 A1 20070221 (DE)

Application

EP 06014315 A 20060711

Priority

DE 102005038728 A 20050815

Abstract (en)

The cellulose fibers used for the production of cigarette filters are prepared in order to form a fleece (2) guided through several processing stations. The fleece (2) can be of different dimensions in particular regarding its width. A softening substance (4) is applied with nozzles (3) from below onto the filter-tow (2) moved by appropriate units. The amount is regulated with an electrically moved cover sheet (7). The width of the filter tow (2) is determined by device (20,21) incorporating a scanner, a sensor, or a light barrier and the amount of the substance (4) adjusted accordingly. An independent claim is given for a device for the determination of the area to be treated.

IPC 8 full level

A24D 3/02 (2006.01)

CPC (source: EP)

A24D 3/022 (2013.01); **A24D 3/0295** (2013.01)

Citation (applicant)

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- US 4511420 A 19850416 - ARTHUR HUGH M [GB]
- DE 19950034 A1 20010419 - BOSCH GMBH ROBERT [DE]
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Citation (search report)

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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1754418 A1 20070221; EP 1754418 B1 20100707; AT E472946 T1 20100715; DE 102005038728 B3 20070329; DE 502006007358 D1 20100819; PL 1754418 T3 20101231

DOCDB simple family (application)

EP 06014315 A 20060711; AT 06014315 T 20060711; DE 102005038728 A 20050815; DE 502006007358 T 20060711; PL 06014315 T 20060711