

Title (en)

A device for the treatment of filter material used in tobacco products

Title (de)

Vorrichtung zur Behandlung von in Tabakprodukten verwendeten Filtermaterialien

Title (fr)

Dispositif pour le traitement de matériau de filtre utilisé dans des produits du tabac

Publication

EP 1847188 A1 20071024 (EN)

Application

EP 07106369 A 20070418

Priority

IT BO20060301 A 20060421

Abstract (en)

Filter tips for cigarettes are shaped and cut from continuous streams (F) of fibrous tow directed initially along respective feed lines (L) into a device (1) equipped with a rotary assembly (8) by which a flow of plasticizer fluid is generated and directed at the continuous streams (F) of fibrous material. Also forming part of the device (1) is an obstruction element (21) by which the flow of plasticizer fluid directed at the continuous streams (F) of fibrous material can be cut off in a controlled manner, so as to isolate the streams (F) during transients in operation of the device (1), typically when a malfunction or breakdown occurs.

IPC 8 full level

A24D 3/02 (2006.01); **B05B 3/02** (2006.01)

CPC (source: EP)

A24D 3/022 (2013.01)

Citation (search report)

- [XA] US 4040385 A 19770809 - TOST HEINRICH
- [A] GB 2090774 A 19820721 - MOLINS LTD
- [A] GB 2109273 A 19830602 - BROWN & WILLIAMSON TOBACCO
- [A] US 5342657 A 19940830 - BUDJINSKI JOSEPH F [US], et al
- [A] GB 2078559 A 19820113 - HAUNI WERKE KOERBER & CO KG

Citation (examination)

DE 10354924 A1 20050630 - HAUNI MASCHINENBAU AG [DE]

Citation (third parties)

Third party :

DE 10354924 A1 20050630 - HAUNI MASCHINENBAU AG [DE]

Cited by

EP3011847A1

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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1847188 A1 20071024; IT BO20060301 A1 20060721; JP 2007289190 A 20071108

DOCDB simple family (application)

EP 07106369 A 20070418; IT BO20060301 A 20060421; JP 2007111915 A 20070420