

Title (en)

EQUIPMENT FOR PROCESSING AT LEAST ONE STRIP OF FILTER MATERIAL IN THE TOBACCO INDUSTRY

Title (de)

EINRICHTUNG ZUR VERARBEITUNG WENIGSTENS EINES FILTERMATERIALSTREIFENS IN DER TABAKINDUSTRIE

Title (fr)

ÉQUIPEMENT POUR TRAITER AU MOINS UNE BANDE DE MATÉRIAU FILTRANT DANS L' INDUSTRIE DU TABAC

Publication

EP 1933653 A1 20080625 (EN)

Application

EP 06744484 A 20060411

Priority

- IB 2006000832 W 20060411
- IT BO20050603 A 20051007

Abstract (en)

[origin: WO2007042866A1] A strip (2) of material used to make filter tips is processed on equipment incorporating one or more pairs of rollers (11, 12, 13, 14) placed along a set path (P) , each composed of a top roller (11, 13) with a helical thread (15) , and an anvil roller (12, 14) , by which the fibres of the strip (2) are stretched and pulled longitudinally and/or transversely; when seen in section, the profile (16) of the helical thread (15) is such that each turn presents a crest portion (17) merged with two flanks (19) by way of smooth and/ or rounded portions (20) , so that when the strip (2) of filter material is engaged by the crest portion (17) , it will not be brought into contact with sharp corner edges.

IPC 8 full level

A24D 3/02 (2006.01)

CPC (source: EP)

A24D 3/0204 (2013.01)

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

DOCDB simple family (publication)

WO 2007042866 A1 20070419; AT E462314 T1 20100415; CN 101282659 A 20081008; DE 602006013334 D1 20100512; EP 1933653 A1 20080625; EP 1933653 B1 20100331; EP 1933653 B2 20160413; IT BO20050603 A1 20070408; JP 2009511009 A 20090319

DOCDB simple family (application)

IB 2006000832 W 20060411; AT 06744484 T 20060411; CN 200680037302 A 20060411; DE 602006013334 T 20060411; EP 06744484 A 20060411; IT BO20050603 A 20051007; JP 2008534092 A 20060411