

Title (en)

Method and apparatus for producing a filter rod

Title (de)

Verfahren und Vorrichtung zur Herstellung eines Filterstrangs

Title (fr)

Procédé et dispositif pour la production d'une tige de filtre

Publication

EP 1504681 B2 20110511 (DE)

Application

EP 04016179 A 20040709

Priority

- EP 04016179 A 20040709
- EP 03018112 A 20030808

Abstract (en)

[origin: EP1504681A1] In a process and assembly to manufacture tobacco smoke filters the fibre ingredients are loosened and mixed together in a hopper prior to sprinkle release onto a conveyer (15). The filter material is surrendered to the gap between two endless belts and converted into a string, accompanied by exposure to heat.

IPC 8 full level

A24D 3/02 (2006.01)

CPC (source: EP)

A24D 3/0233 (2013.01)

Citation (opposition)

Opponent :

- GB 2265298 A 19930929 - KOERBER AG [DE]
- GB 2265296 A 19930929 - KOERBER AG [DE]
- EP 1464238 A1 20041006 - HAUNI MASCHINENBAU AG [DE]
- EP 1464241 A1 20041006 - HAUNI MASCHINENBAU AG [DE]

Cited by

EP2356915A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1504681 A1 20050209; EP 1504681 B1 20060524; EP 1504681 B2 20110511; PL 1504681 T3 20060929

DOCDB simple family (application)

EP 04016179 A 20040709; PL 04016179 T 20040709