

Title (en)
Injection of a medium in filter segments

Title (de)
Injektion eines Mediums in Filtersegmente

Title (fr)
Injection d'un milieu dans segments d'un filtre

Publication
EP 1397965 B1 20061129 (DE)

Application
EP 02020289 A 20020911

Priority
EP 02020289 A 20020911

Abstract (en)
[origin: EP1397965A1] The method of manufacture of a multiple segment filter for smoking articles has the filter segments (1,7) in one group joined to form a filter. A carbon filter material or scent can be injected into the filter after the segments have been cut. The material can be injected (5) during transport of the filter segments, particularly when on the feed drum (18). Claims include a filter manufacturing machine module using the method.

IPC 8 full level
A24D 3/02 (2006.01); **B31C 99/00** (2009.01); **A24D 3/04** (2006.01); **A24D 3/14** (2006.01)

CPC (source: EP US)
A24D 3/022 (2013.01 - EP US); **A24D 3/0287** (2013.01 - EP US)

Cited by
EP2016840A3; EP2324721A3; EP3329789A3; US7770585B2; WO2011116978A1; WO2006010895A1; EP4374714A1; WO2024110888A1

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

DOCDB simple family (publication)
EP 1397965 A1 20040317; **EP 1397965 B1 20061129**; AT E346513 T1 20061215; AU 2003258514 A1 20040504; CN 100574656 C 20091230; CN 1681404 A 20051012; DE 50208848 D1 20070111; JP 2005537814 A 20051215; PL 201270 B1 20090331; PL 374020 A1 20050919; US 2006052226 A1 20060309; WO 2004032656 A1 20040422

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