

Title (en)

An apparatus for processing at least one strip of filters material in the tobacco industry

Title (de)

Vorrichtung zur Verarbeitung von mindestens einem Streifen aus Filtermaterialien in der Tabakindustrie

Title (fr)

Appareil de traitement d'au moins une bande de matériau à filtres dans l'industrie du tabac

Publication

EP 2022351 A3 20100901 (EN)

Application

EP 08161235 A 20080728

Priority

IT BO20070569 A 20070807

Abstract (en)

[origin: EP2022351A2] Described is an apparatus for the processing of at least one strip (3) of filter material in the tobacco industry comprising, along a path (P) for advancing and processing of the strip (3), two terminal units for stretching the strip (3) between which is fitted at least one intermediate unit for additional stretching or relaxation of the strip (3).

IPC 8 full level

A24D 3/02 (2006.01)

CPC (source: EP)

A24D 3/0204 (2013.01)

Citation (search report)

- [X] EP 1559333 A2 20050803 - HAUNI MASCHINENBAU AG [DE]
- [A] EP 0941673 A1 19990915 - HAUNI MASCHINENBAU AG [DE]
- [A] EP 1692957 A1 20060823 - HAUNI MASCHINENBAU AG [DE]
- [A] EP 0715816 A2 19960612 - HAUNI MASCHINENBAU AG [DE]
- [A] EP 0654224 A2 19950524 - HAUNI MASCHINENBAU AG [DE]

Cited by

US2014364291A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2022351 A2 20090211; EP 2022351 A3 20100901; EP 2022351 B1 20120425; CN 101361592 A 20090211; CN 101361592 B 20131204; IT BO20070569 A1 20071106; JP 2009039120 A 20090226; JP 5243142 B2 20130724

DOCDB simple family (application)

EP 08161235 A 20080728; CN 200810145446 A 20080806; IT BO20070569 A 20070807; JP 2008202437 A 20080805