

Title (en)

A CLEANING UNIT, A TOBACCO INDUSTRY MACHINE FOR PRODUCING MULTI-SEGMENT FILTER RODS AND A METHOD FOR CLEANING A TRAIN OF ROD-LIKE ELEMENTS

Title (de)

REINIGUNGSEINHEIT, MASCHINE FÜR DIE TABAKINDUSTRIE ZUR HERSTELLUNG VON FILTERSTÄBEN MIT MEHREREN SEGMENTEN UND VERFAHREN ZUR REINIGUNG EINER FOLGE VON STABFÖRMIGEN ELEMENTEN

Title (fr)

UNITÉ DE NETTOYAGE, MACHINE UTILISÉE DANS L'INDUSTRIE DU TABAC POUR PRODUIRE DES TIGES DE FILTRE À SEGMENTS MULTIPLES ET PROCÉDÉ DE NETTOYAGE D'UN TRAIN D'ÉLÉMENTS DE TYPE TIGE

Publication

EP 3509444 B1 20200729 (EN)

Application

EP 17765124 A 20170902

Priority

- PL 41855316 A 20160906
- EP 2017072035 W 20170902

Abstract (en)

[origin: WO2018046410A1] A cleaning unit for tobacco industry machines, wherein the tobacco industry machine is configured to process a moving train (ST2) of rod-like elements (S1, S2) separated by compartments (105) and partially wrapped with a wrapper (101), wherein the compartments (105) are filled with a loose material (102) forming segments of the loose material (SC). The cleaning unit (104) includes an outlet partition (34) at an outlet from a cleaning zone (Z2) for limiting an uncontrolled displacement of contaminations from the cleaning zone (Z2) to a garniture zone (Z3), located above the train (ST2) of the rod-like elements and having a passage (35) through which the covering elements (10) pass.

IPC 8 full level

A24D 3/02 (2006.01)

CPC (source: EP KR RU US)

A24C 5/00 (2013.01 - RU); **A24D 3/0204** (2013.01 - KR); **A24D 3/0225** (2013.01 - EP US); **A24D 3/0229** (2013.01 - KR); **A24D 3/0233** (2013.01 - EP US); **A24D 3/0254** (2013.01 - EP KR US); **A24D 3/027** (2013.01 - KR)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 2018046410 A1 20180315; BR 112019001566 A2 20190514; CN 109640709 A 20190416; CN 109640709 B 20220527; EP 3509444 A1 20190717; EP 3509444 B1 20200729; JP 2019528687 A 20191017; KR 102398923 B1 20220516; KR 20190046790 A 20190507; PL 234036 B1 20200131; PL 3509444 T3 20210111; PL 418553 A1 20180312; RU 2019102260 A 20200728; RU 2019102260 A3 20201013; RU 2744263 C2 20210304; US 2019191758 A1 20190627

DOCDB simple family (application)

EP 2017072035 W 20170902; BR 112019001566 A 20170902; CN 201780049947 A 20170902; EP 17765124 A 20170902; JP 2019505404 A 20170902; KR 20197004278 A 20170902; PL 17765124 T 20170902; PL 41855316 A 20160906; RU 2019102260 A 20170902; US 201716327841 A 20170902