

Title (en)

SYSTEM FOR PERFORMING A PROCESSING STEP ON CIGARETTE PARTS OF AN ELECTRONIC CIGARETTE

Title (de)

SYSTEM ZUR DURCHFÜHRUNG EINES VERFAHRENSSCHRITTS AUF ZIGARETTENTEILE EINER ELEKTRONISCHEN ZIGARETTE

Title (fr)

SYSTÈME POUR PERFORMER UNE ÉTAPE DE TRAITEMENT SUR DES PIÈCES DE CIGARETTE D'UNE CIGARETTE ÉLECTRONIQUE

Publication

EP 2944206 B1 20170104 (EN)

Application

EP 15167334 A 20150512

Priority

NL 2012834 A 20140516

Abstract (en)

[origin: EP2944206A1] A system for performing a processing step on cigarette parts of an electronic cigarette, said system comprising a transport device comprising multiple holding units for holding the cigarette parts, a supply unit which places the cigarette parts in the holding units of the transport device at a receiving location along the circular trajectory so that the cigarette parts are transported along at least part of the circular trajectory, a discharge unit which removes the cigarette part from the holding units at a discharge location along the circular trajectory, and a pivot device comprising multiple processing units positioned along at least a part of the circular trajectory at a process distance from each other which corresponds with the holding distance between the holding units so that the processing units can be associated with the cigarette parts held by the holding units, and also a method for performing a processing step on cigarette parts of an electronic cigarette.

IPC 8 full level

A24C 5/32 (2006.01); **A24F 40/70** (2020.01); **A24F 40/80** (2020.01); **A24F 40/10** (2020.01)

CPC (source: EP US)

A24C 5/327 (2013.01 - EP US); **A24F 40/70** (2020.01 - EP US); **A24F 40/80** (2020.01 - EP US); **A24F 40/10** (2020.01 - EP US)

Citation (opposition)

Opponent : Christoph Lösch

- US 6681816 B2 20040127 - MIE PATRICK [FR]
- EP 1996467 B1 20120808 - P K B [FR]
- WO 2009040325 A2 20090402 - GIMA SPA [IT], et al
- WO 2010073118 A1 20100701 - MOUSSAVI ALIREZA DITTA INDIVID [IT], et al
- WO 2013182826 A1 20131212 - PKB [FR]
- CN 201758770 U 20110316 - CHUHUI CHEN
- EP 0544089 A2 19930602 - REYNOLDS TOBACCO CO R [US]
- US 2005045244 A1 20050303 - HARTNESS THOMAS P [US], et al
- JP 4389115 B2 20091224
- US 4789016 A 19881206 - MIHAEL STAVROS [US]
- WO 2006058102 A2 20060601 - ELECTRO SCIENT IND INC [US], et al
- US 5842579 A 19981201 - GARCIA DOUGLAS J [US], et al
- US 2748346 A 19560529 - LAFFERTY VINCENT C
- "Vial Rotary Liquid Filling & Bungging Machine", SNOWBELLMACHINES, 12 May 2012 (2012-05-12), XP054977882, Retrieved from the Internet <URL:<https://www.youtube.com/watch?v=PVMuoJsb4kE>>

Cited by

US2022232902A1; JP2019502922A; USD887632S; USD851830S; US10244793B2; WO2020017970A1; WO2016039625A1; US10279934B2; US11339009B2; US10076139B2; US10667560B2; USD836541S; US10405582B2; US9970871B2; US10111470B2; USD842536S; JP2018520660A; US10512282B2; USD913583S; USD929036S; US10104915B2; US10638792B2; WO2020260319A1; US11134722B2; US10045568B2; US10058129B2; US10117466B2; US10117465B2; US10912331B2; EP3307093B1; EP3979843B1; US10045567B2; US10058124B2; US10058130B2; US10070669B2; US10159282B2; US10201190B2; US10264823B2; US11752283B2

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)

EP 2944206 A1 20151118; EP 2944206 B1 20170104; EP 2944206 B2 20220309; EP 2944206 B8 20170322; NL 2012834 B1 20160302

DOCDB simple family (application)

EP 15167334 A 20150512; NL 2012834 A 20140516