

Title (en)

METHOD AND APPARATUS FOR REMOVING TOBACCO FROM CIGARETTES

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ENTFERNUNG VON TABAK AUS ZIGARETTEN

Title (fr)

PROCÉDÉ ET APPAREIL POUR ENLEVER LE TABAC DE CIGARETTES

Publication

EP 3154380 A1 20170419 (EN)

Application

EP 15742066 A 20150610

Priority

- PL 40851314 A 20140612
- IB 2015054381 W 20150610

Abstract (en)

[origin: WO2015189781A1] Method and apparatus for removing tobacco (T) from cigarettes (2) having filters (2a, 2b), the cigarettes (2) being transported on a conveyor (3) with their axes transversal to the direction of transport (R), the method including perforating each cigarette (2) on the circumference of its tobacco part by perforating means (6, 6', 6'') enabling introduction of a pressurized gaseous medium into the cigarette (2) in order to remove tobacco (T) therefrom. According to the invention each cigarette (2) is perforated in two distinct perforation points (N, N'), one of the perforation points (N, N') being located close to the filter (2a, 2b) of said cigarette (2), the pressurized gaseous medium being introduced into each cigarette (2) through at least one of the perforation points (N, N') during perforation, and the at least one of the perforation points (N, N') through which the pressurized gaseous medium is introduced is the one located close to the filter (2a, 2b) of said cigarette (2), and in that said filter (2a, 2b) is being blocked against falling out of said cigarette (2) during the introduction of the pressurized gaseous medium.

IPC 8 full level

A24C 5/36 (2006.01)

CPC (source: CN EP)

A24C 5/36 (2013.01 - CN EP)

Citation (search report)

See references of WO 2015189781A1

Cited by

CN108903052A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2015189781 A1 20151217; CN 106455679 A 20170222; CN 106455679 B 20180330; EP 3154380 A1 20170419; EP 3154380 B1 20180523; PL 230370 B1 20181031; PL 408513 A1 20151221

DOCDB simple family (application)

IB 2015054381 W 20150610; CN 201580031355 A 20150610; EP 15742066 A 20150610; PL 40851314 A 20140612