

Title (en)

Device and method for recovering of smoking article parts from smoking articles

Title (de)

Vorrichtung und Verfahren zur Rückgewinnung von Rauchartikelteilen aus Rauchartikeln

Title (fr)

Dispositif et procédé de récupération de parties d'articles à fumer provenant d'articles à fumer

Publication

EP 2730182 A3 20150408 (DE)

Application

EP 13160313 A 20130321

Priority

- DE 102012021777 A 20121108
- EP 13160313 A 20130321

Abstract (en)

[origin: EP2730182A2] The device has a conveyor device (20) for moving a smoking article (10) along a conveying direction (X), cutting devices (70,70'73), discharge devices to remove a smoking article portion and an ejector (80) for removing a body (16) of a filter (14) of the smoking article. The conveyor device is designed as an endless conveyor belt (25) having multiple receptacles (52) for smoking articles. The cutting device cuts the filter of the smoking article along its cross-section, particularly vertically to the conveying direction of the conveying device. An independent claim is included for a method for recovery of smoking article portions from smoking articles.

IPC 8 full level

A24C 5/36 (2006.01)

CPC (source: EP)

A24C 5/36 (2013.01)

Citation (search report)

- [XAI] EP 0436304 A1 19910710 - PHILIP MORRIS [US]
- [XI] US 3224451 A 19651221 - GEORGE DEARSLEY
- [A] DE 102005024780 A1 20061214 - JACOBI SYSTEMTECHNIK GMBH [DE]
- [A] US 2815029 A 19571203 - HELMUT EXNER

Cited by

EP3114945A1; CN109602078A; CN108720078A; CN115646824A; ITUB20151947A1; CN107455792A; WO2016046678A1; WO2016207847A1

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)

EP 2730182 A2 20140514; EP 2730182 A3 20150408

DOCDB simple family (application)

EP 13160313 A 20130321