

Title (en)

Apparatus for reclaiming tobacco from defective cigarettes and method for its realisation.

Title (de)

Vorrichtung zur Tabakrückgewinnung aus fehlerhaften Zigaretten und Verfahren zum Betreiben derselben.

Title (fr)

Dispositif de récupération du tabac de cigarettes défectueuses et procédé pour sa réalisation.

Publication

**EP 0475395 B1 19931215 (DE)**

Application

**EP 91115398 A 19910911**

Priority

DE 4029263 A 19900914

Abstract (en)

[origin: EP0475395A1] On the one hand, the invention provides an apparatus for reclaiming tobacco from defective cigarettes, in which there is provided coaxially relative to a recessed drum (7) a perforated drum (8) having receiving bores (14) for the defective cigarettes (16) to be processed, said perforated drum (8) rotating in the same direction as the recessed drum. Via a control device which comprises, in particular, as the essential part a control ring (26) connected fixedly in terms of rotation to the perforated drum, various pressure applications are then carried out via a timing disc (51) under the control of the work cycle, in order to blow the tobacco out of the defective cigarette and then subsequently to blow the empty cigarette tube (30) out of the receiving bore. Furthermore, a suction pressure is applied to the receiving bores of the perforated drum, in order, before the blowing-out operations, reliably to suck the defective cigarette to be processed into a predetermined stop position in the receiving bores. By means of a fixing device (17), the cigarettes are held firmly in the receiving bore before the blowing pressure for blowing out the tobacco is applied. After the fixing is released, the cigarette tube is then conveyed out of the receiving bore to a separate blowing-out device by means of a blowing pressure applied via the control ring. <??>Also, the invention provides a method for operating such an apparatus, which allows a fully automatic work cycle in the apparatus for reclaiming tobacco from defective cigarettes. <IMAGE>

IPC 1-7

**A24C 5/36**

IPC 8 full level

**A24C 5/36** (2006.01)

CPC (source: EP US)

**A24C 5/36** (2013.01 - EP US)

Cited by

CN105167179A; CN103082408A; CN103099312A; CN105228473A; CN106418674A; WO2015189781A1; WO2014135913A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)

**EP 0475395 A1 19920318; EP 0475395 B1 19931215**; AT E98444 T1 19940115; DE 4029263 C1 19920213; DE 59100731 D1 19940127; US 5207735 A 19930504

DOCDB simple family (application)

**EP 91115398 A 19910911**; AT 91115398 T 19910911; DE 4029263 A 19900914; DE 59100731 T 19910911; US 76049391 A 19910916