

Title (en)

Device for removing tobacco particles from a conveyor

Title (de)

Vorrichtung zum Abstreifen von Tabakpartikeln von einem Förderer

Title (fr)

Dispositif pour enlever des particules de tabac d'un transporteur

Publication

EP 0582136 B1 19991117 (DE)

Application

EP 93111716 A 19930722

Priority

DE 4225644 A 19920803

Abstract (en)

[origin: EP0582136A1] A device is described for removing tobacco particles from a strand conveyor (3) of a cigarette strand machine with the transfer of a tobacco strand from the strand conveyor to a formatting device (4), which has a base body (19) for insertion into the strand machine in the strand intake region of the formatting device (4) and a removal edge (26) which can be positioned in a removal position relative to the strand conveyor (3). The removal edge (26) is coated, at least in its region which interacts with the strand conveyor (3) in the removal of the tobacco particles, with a coating (27) of polycrystalline diamond. The coating of the removal device with polycrystalline diamond offers the advantage of a longer service life and, because of longer intervals between replacements of the removal device, an increased cost-effectiveness of the machine. <IMAGE>

IPC 1-7

A24C 5/18

IPC 8 full level

A24C 5/18 (2006.01)

CPC (source: EP)

A24C 5/1807 (2013.01)

Cited by

EP0803205A1; EP1330960A1; EP3320788A1; DE102016121618A1; EP2080440A2

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0582136 A1 19940209; EP 0582136 B1 19991117; AT E186627 T1 19991215; DE 4225644 A1 19940210; DE 59309875 D1 19991223; ES 2140426 T3 20000301

DOCDB simple family (application)

EP 93111716 A 19930722; AT 93111716 T 19930722; DE 4225644 A 19920803; DE 59309875 T 19930722; ES 93111716 T 19930722