

Title (en)

Method and device for separating tobacco fibres.

Title (de)

Verfahren und Vorrichtung zum Vereinzeln von Tabakfasern.

Title (fr)

Procédé et dispositif pour séparer des fibres de tabac.

Publication

EP 0649605 A3 19980819 (DE)

Application

EP 94116041 A 19941012

Priority

DE 4336453 A 19931026

Abstract (en)

[origin: EP0649605A2] The invention relates to the separation of tobacco fibres within the distributor of a cigarette-strand machine. The object is to carry out the separation effectively and in a way which treats the tobacco carefully. This is achieved within a falling shaft (8) of the distributor, into which the tobacco (7) is transferred in a manner accelerated downwards in a main flightpath (41). Provided in the falling shaft (8) limited by mutually opposite channel walls (42, 43) are alternately offset air slits (44, 46), through which blowing air is directed essentially transversely to the flightpath (41) towards the tobacco flying downwards, with the result that the latter is alternately deflected laterally out of its flightpath. The lateral deflection is advantageously associated with a loosening and separation of the tobacco fibres which have an advantageous effect on the quality of the finished cigarettes. <IMAGE>

IPC 1-7

A24C 5/39

IPC 8 full level

A24C 5/39 (2006.01)

CPC (source: EP)

A24C 5/39 (2013.01)

Citation (search report)

- [A] DE 954137 C 19561213 - HAUNI WERKE KOERBER & CO KG
- [A] DE 539063 C 19311125 - MULLER J C & CO
- [A] US 1999120 A 19350423 - ALBERT WERNER
- [A] DE 4006344 A1 19910905 - HAUNI WERKE KOERBER & CO KG [DE]
- [A] DE 613719 C 19351230 - BECO MASCHINENFABRIK GMBH
- [A] DE 2811882 A1 19791004 - BARMAG BARMER MASCHF
- [A] GB 2243529 A 19911106 - MOLINS PLC [GB]
- [A] DE 4136470 A1 19930513 - HAUNI WERKE KOERBER & CO KG [DE]

Cited by

EP1016349A1; EP1652437A4; US6701933B2; WO0040105A1

Designated contracting state (EPC)

AT BE CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0649605 A2 19950426; EP 0649605 A3 19980819; EP 0649605 B1 20000315; AT E190471 T1 20000415; DE 4336453 A1 19950427; DE 59409204 D1 20000420; ES 2144477 T3 20000616

DOCDB simple family (application)

EP 94116041 A 19941012; AT 94116041 T 19941012; DE 4336453 A 19931026; DE 59409204 T 19941012; ES 94116041 T 19941012