

Title (en)

Device for transferring filter rod elements in the tobacco industry from a magazine to a pneumatic transport conduit

Title (de)

Vorrichtung zum Überführen von stabförmigen Artikeln der tabakverarbeitenden Industrie aus einem Vorrat in eine pneumatische Förderleitung

Title (fr)

Dispositif pour transférer des tiges de filtre dans l'industrie du tabac d'une réserve dans un conduite de transport pneumatique

Publication

EP 0640296 B1 19980603 (DE)

Application

EP 94112828 A 19940817

Priority

DE 4329084 A 19930830

Abstract (en)

[origin: EP0640296A1] The invention relates to a device for transferring filter rods into a pneumatic conveying line by means of a troughed drum which removes the filter rods from a stock, transversely to their axis, and terminates with a lengthwise axis in the enclosing region of the sealing block. The object is to reduce the wear on such a device and to improve its performance. This is achieved by means of a troughed drum (1) which is mounted free of contact with respect to adjoining circumferential and end surfaces (17 and 19 respectively) and maintaining a play or gap (25 and 31 respectively). This arrangement lengthens the service life of the adjoining sealing block and, by means of a defined, permanent by-pass air-flow, achieves an increased selection frequency of the filter rods. <IMAGE>

IPC 1-7

A24C 5/32

IPC 8 full level

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CPC (source: EP US)

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Cited by

DE102009057785A1; EP2384651A1; DE102010020009A1; DE102010010075B3; EP0672355A1; EP1897453A3; CN102247011A; EP0781514A1; US5709507A; ITBO20110578A1; CN103889255A; DE102011102054A1; WO2013054222A1; EP2361517A1

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EP 0640296 A1 19950301; **EP 0640296 B1 19980603**; CN 1041050 C 19981209; CN 1104073 A 19950628; DE 4329084 A1 19950302; DE 59406116 D1 19980709; ES 2118290 T3 19980916; JP 3513224 B2 20040331; JP H07147963 A 19950613; US 5536118 A 19960716

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