

Title (en)

SEAL FOR ENDS OF NON-CIRCULAR ROD-SHAPED OBJECTS OF THE TOBACCO-PROCESSING INDUSTRIES

Title (de)

DICHTUNG FÜR ENDEN VON UNRUNDEN STABFÖRMIGEN ARTIKELN DER TABAKVERARBEITENDEN INDUSTRIE

Title (fr)

GARNITURE D'ETANCHEITE POUR EXTREMITES D'ARTICLES OVALISES SOUS FORME DE TIGES DE L'INDUSTRIE DE TRAITEMENT DU TABAC

Publication

EP 1135035 B1 20020807 (DE)

Application

EP 99962160 A 19991125

Priority

- DE 19855747 A 19981203
- EP 9909124 W 19991125

Abstract (en)

[origin: US6397663B1] A conveyor for testing successive plain or filter cigarettes or other rod-shaped smokers' products having non-circular (such as oval) cross-sectional outlines employs a rotary drum-shaped conveyor for sidewise transport of smokers' products toward, through and beyond a station where the products are tested by streams of a gaseous fluid entering the products at one axial end and issuing from satisfactory products at the other axial end. The end portions of the products are sealingly received in complementary sockets of elastically deformable sealing sleeves which are connected to their tubular fluid-conveying carriers in a manner to ensure that each sleeve remains in a selected position for optimum testing of the products. For example, each sleeve can be form-lockingly coupled to its carrier in such a way that the sleeve is held against any appreciable angular and/or axial movement relative to the carrier when the conveyor transports smokers' products but that the sleeve can be detached from the carrier, in response to adequate deformation, for the purpose of inspection, cleaning and/or replacement.

IPC 1-7

A24C 5/34

IPC 8 full level

A24C 5/34 (2006.01)

CPC (source: EP US)

A24C 5/3418 (2013.01 - EP US); **Y10S 131/904** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

US 6397663 B1 20020604; AT E221735 T1 20020815; DE 19855747 A1 20000608; DE 59902302 D1 20020912; EP 1135035 A1 20010926; EP 1135035 B1 20020807; JP 2002531078 A 20020924; JP 4235365 B2 20090311; MX PA01005375 A 20020702; PL 189458 B1 20050831; PL 347888 A1 20020422; RU 2222241 C2 20040127; UA 67817 C2 20040715; WO 0032066 A1 20000608

DOCDB simple family (application)

US 45320399 A 19991203; AT 99962160 T 19991125; DE 19855747 A 19981203; DE 59902302 T 19991125; EP 9909124 W 19991125; EP 99962160 A 19991125; JP 2000584772 A 19991125; MX PA01005375 A 19991125; PL 34788899 A 19991125; RU 2001118048 A 19991125; UA 01074558 A 19991125