

Title (en)  
Multifunctional conveyor drum

Title (de)  
Multifunktionsfördertrommel

Title (fr)  
Tambour d'acheminement multifunctions

Publication  
**EP 1452100 A1 20040901 (DE)**

Application  
**EP 03004503 A 20030228**

Priority  
EP 03004503 A 20030228

Abstract (en)  
A cigarette processing equipment has two streams of cigarettes fed onto a processing drum (10) where they are held by suction with axes parallel to the drum axis and with pairs of cigarettes (15) coaxial on support segments (14). The segments are moved axially by a spreader drive comprising thrust rods (21) spring loaded to press cam follower arms (22) onto a cam (30). The ends of the cam follower are fitted with rollers with one roller on the cam and the other on the rim of the cam. The relative position of the cam is rotationally adjustable to cater for different size of product with a minimum of downtime. The pairs of rolled tobacco stubs are separated by the spreader system to allow filter stubs to be inserted before the product is passed to the wrapping stage.

Abstract (de)  
Die Erfindung betrifft eine Fördertrommel für Artikel der tabakverarbeitenden Industrie mit einem Hubmittel für längsaxial zueinander ausgerichtete und in wenigstens einer Reihe queraxial der Fördertrommel zugeführten Artikeln. Die Erfindung wird dadurch weitergebildet, daß als Hubmittel ein Kurvengetriebe mit einem einstellbaren Hub vorgesehen ist. Darüber hinaus betrifft die Erfindung eine Maschine der tabakverarbeitenden Industrie.  
<IMAGE>

IPC 1-7  
**A24C 5/47**

IPC 8 full level  
**A24C 5/47** (2006.01)

CPC (source: EP)  
**A24C 5/478** (2013.01)

Citation (search report)  

- [X] EP 1138215 A1 20011004 - GD SPA [IT]
- [A] US 4200179 A 19800429 - HINZ WERNER [DE]
- [A] DE 4242326 A1 19930624 - GD SPA [IT]
- [AD] DE 4134663 A1 19930422 - HAUNI WERKE KOERBER & CO KG [DE]

Cited by  
DE102007024271A1; EP1994838A1; EP1525810A1; DE102007024271B4; WO2005041701A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**EP 1452100 A1 20040901; EP 1452100 B1 20051207**; AT E311775 T1 20051215; DE 50301851 D1 20060112

DOCDB simple family (application)  
**EP 03004503 A 20030228**; AT 03004503 T 20030228; DE 50301851 T 20030228