

Title (en)

Process and apparatus for forming portions from cut tobacco material

Title (de)

Verfahren und Vorrichtung zum Bilden von Portionen aus zerkleinertem Rauchmaterial

Title (fr)

Procédé et dispositif pour faire des portions du tabac haché

Publication

EP 0702904 A3 19981202 (DE)

Application

EP 95114190 A 19950909

Priority

DE 4433848 A 19940922

Abstract (en)

[origin: EP0702904A2] The loose tobacco is fed to the funnel system formed by two angled conveyor belts (4,6). One belt is driven to move the tobacco downwards while the other lifts it up. The differential action of the belts agitates the tobacco and loosens it into a homogeneous feed for an even loading of the dosing chamber which doses the tobacco for each cigarette. The loosening of the tobacco is further enhanced by an eccentrically driven agitator in the middle of the feed. The accurately metered amount of tobacco is slid axially to the paper wrap position to form the cigarette.

IPC 1-7

A24C 5/06

IPC 8 full level

A24C 5/02 (2006.01); **A24C 5/06** (2006.01)

CPC (source: EP US)

A24C 5/06 (2013.01 - EP US)

Citation (search report)

- [XY] CH 386904 A 19650115 - KONINKL VEREENIGDE TABAKSINDUS [NL]
- [Y] DE 3605052 A1 19870820 - HAUNI WERKE KOERBER & CO KG [DE]
- [A] FR 368413 A 19061128 - BRITISH AMERICAN TOBACCO CO [GB]
- [A] US 3978987 A 19760907 - NEVILLE RICHARD ERNEST GARTSID, et al
- [A] US 3276452 A 19661004 - GEORGE DEARSLEY
- [A] US 5141003 A 19920825 - DAWSON JOHN [GB], et al

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 0702904 A2 19960327; EP 0702904 A3 19981202; AU 3176095 A 19960404; AU 704748 B2 19990506; CA 2158823 A1 19960323; CN 1053802 C 20000628; CN 1126563 A 19960717; DE 4433848 A1 19960328; JP H08173128 A 19960709; US 5687747 A 19971118

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EP 95114190 A 19950909; AU 3176095 A 19950919; CA 2158823 A 19950921; CN 95118451 A 19950922; DE 4433848 A 19940922; JP 24030895 A 19950919; US 52824095 A 19950914