

Title (en)

Appartus for blooming cigarette filter tow band

Title (de)

Vorrichtung zum Aufblähen eines Zigarettentowstreifens

Title (fr)

Dispositif pour augmenter le volume d'une bande de cordon filtrant pour cigarettes

Publication

EP 1911362 A1 20080416 (EN)

Application

EP 06405415 A 20060929

Priority

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Abstract (en)

An apparatus for blooming cigarette filter tow band (1) comprises a first pair (10, 11) and a second pair (20, 21) of rotatably arranged rollers. The second pair of rollers (20, 21) is arranged downstream of the first pair of rollers (10, 11) with respect to the direction of transport of the filter tow band (1) and is rotatable at a driving speed which is higher than the driving speed of the first pair of rollers (10, 11) so as to cause stretching of the filter tow band (1). Stretching of the filter tow band (1) is released once the filter tow band has passed through the second pair of rollers (20, 21) allowing blooming of the filter tow band to occur. A diverter (4) is adjacently arranged downstream the second pair of rollers (20, 21).

IPC 8 full level

A24D 3/02 (2006.01)

CPC (source: EP)

A24D 3/0204 (2013.01)

Citation (search report)

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- [A] EP 1559333 A2 20050803 - HAUNI MASCHINENBAU AG [DE]
- [A] US 3287784 A 19661129 - LOFTIN ROBERT J, et al
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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

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DOCDB simple family (publication)

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