

Title (en)

Apparatus for applying a liquid substance to at least one belt in a machine for making tobacco products

Title (de)

Vorrichtung zum Aufbringen einer flüssigen Substanz auf mindestens ein Band in einer Maschine zur Herstellung von Tabakprodukten

Title (fr)

Appareil permettant d'appliquer une substance liquide à au moins une bande dans une machine de fabrication de produits de tabac

Publication

EP 2695532 A1 20140212 (EN)

Application

EP 13178697 A 20130731

Priority

IT BO20120440 A 20120808

Abstract (en)

Described is an apparatus (12) for applying a liquid substance to at least one belt (1) in a machine (7) for making tobacco products (5), comprising feed means (11') designed to feed the belt (1) longitudinally along a predetermined path, and a drum (13) for applying coatings (4) of liquid substance on a surface of the belt (1); the applicator drum (13) is rotatable about its own axis (A), has a substantially cylindrical peripheral wall (19) running partly alongside the belt (1) which advances resting against the peripheral wall (19), and is provided on the peripheral wall (19) with a plurality of openings (20) which place in communication the inside of the applicator drum (13) with the portion of belt (1) running alongside the peripheral wall (19); and inside the applicator drum (13) there is at least one spraying unit (23) designed to direct nebulised liquid substance towards the openings (20) adjacent to the belt (1).

IPC 8 full level

A24C 5/00 (2006.01); **B05C 1/10** (2006.01)

CPC (source: EP)

A24C 5/005 (2013.01); **B05C 19/06** (2013.01)

Citation (search report)

- [A] US 2004237979 A1 20041202 - SEYMOUR SYDNEY KEITH [US], et al
- [A] US 2011030709 A1 20110210 - SEBASTIAN ANDRIES D [US], et al
- [A] WO 2007020532 A1 20070222 - PHILIP MORRIS PROD [CH]
- [A] WO 2006100607 A2 20060928 - PHILIP MORRIS PROD [CH]
- [A] US 4843670 A 19890704 - NAKAHARA SHUICHI [JP], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

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DOCDB simple family (application)

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