

Title (en)

TOBACCO PRODUCT MANUFACTURING APPARATUS WITH IN-LINE WRAPPING PAPER PROCESSING ASSEMBLY

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON TABAKPRODUKTEN MIT INLINE-WICKELPAPIERVERARBEITUNGSANORDNUNG

Title (fr)

APPAREIL DE FABRICATION DE PRODUIT DE TABAC AYANT UN ENSEMBLE DE TRAITEMENT DE PAPIER D'EMBALLAGE EN LIGNE

Publication

EP 4021215 A1 20220706 (EN)

Application

EP 20761571 A 20200825

Priority

- EP 19194061 A 20190828
- EP 2020073713 W 20200825

Abstract (en)

[origin: WO2021037833A1] A tobacco product manufacturing apparatus comprises a tobacco product rod maker, a filter tipping assembly downstream of the tobacco product rod maker and an in-line wrapping paper processing assembly as part of the filter-tipping assembly. The filter tipping assembly comprises a filter processing sub-assembly that is configured to receive single-length or double-length tobacco rods from the tobacco product rod maker, to attach a tobacco product filter to the tobacco rods and to wrap wrapping paper around the tobacco rods with the attached tobacco product filter. The wrapping paper processing assembly includes a supply bobbin configured to hold a continuous web of wrapping paper, a wrapping paper flavouring unit configured to receive the continuous web of wrapping paper from the supply bobbin and to treat the wrapping paper in order to apply flavouring to the continuous web of wrapping paper and a wrapping paper feeder coupled to the filter processing sub-assembly and configured to feed the flavoured wrapping paper to the filter processing sub-assembly), wherein the wrapping paper comprises tipping paper, wherein the in-line wrapping paper processing assembly (4) includes an in-line tipping paper processing assembly, wherein the wrapping paper processing unit (7) includes a tipping paper flavouring unit and wherein the wrapping paper feeder (5) includes a tipping paper feeder, the in-line tipping paper processing assembly (4) further comprising: a tipping paper splicing unit (6a) coupled upstream to the tipping paper flavouring unit (7) and adapted to cut the continuous web of tipping paper from the supply bobbin in half.

IPC 8 full level

A24C 1/26 (2006.01); **A24C 5/00** (2020.01); **A24C 5/10** (2006.01)

CPC (source: CN EP KR)

A24C 5/002 (2013.01 - KR); **A24C 5/005** (2013.01 - CN EP KR); **A24C 5/46** (2013.01 - KR); **A24C 5/47** (2013.01 - KR); **A24C 5/52** (2013.01 - KR)

Citation (search report)

See references of WO 2021037833A1

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

DOCDB simple family (publication)

WO 2021037833 A1 20210304; CN 114727648 A 20220708; EP 4021215 A1 20220706; JP 2022545996 A 20221102; KR 20220050893 A 20220425

DOCDB simple family (application)

EP 2020073713 W 20200825; CN 202080060938 A 20200825; EP 20761571 A 20200825; JP 2021575041 A 20200825; KR 20227005235 A 20200825