

Title (en)

CUTTING DEVICE AND METHOD FOR CUTTING A WEB INTO A PLURALITY OF CONNECTED STRIPS, DEVICE AND METHOD FOR PRODUCING A TOBACCO ROD

Title (de)

TRENNVORRICHTUNG UND VERFAHREN ZUM AUFTRENNEN EINER FLACHBAHN IN EINE VIELZAHL VON VERBUNDENEN STREIFEN SOWIE VORRICHTUNG UND VERFAHREN ZUM HERSTELLEN EINES STRANGS

Title (fr)

DISPOSITIF ET MÉTHODE POUR LA DÉCOUPE D'UNE BANDE DANS UNE PLURALITÉ DE BANDES CONNECTÉES, DISPOSITIF ET MÉTHODE POUR LA PRODUCTION D'UNE TIGE DE TABAC

Publication

EP 3829838 B1 20240522 (DE)

Application

EP 19762768 A 20190902

Priority

- DE 102018121618 A 20180905
- EP 2019073307 W 20190902

Abstract (en)

[origin: WO2020048907A1] The invention relates to a separation device (12) for separating a flat web (6) into a plurality of strips (14), comprising a first cutting roller (30), which is rotatable about a first cutting roller axis (32), and a second cutting roller (34), which is rotatable about a second cutting roller axis (36) parallel to the first, the first and the second cutting rollers (30, 34) each comprising a plurality of blades (42) which interact with one another. The first and/or the second cutting roller (30, 34) are/is embodied as intermittent cutting roller (40), wherein all blades (42) of the intermittent cutting roller (40) each comprise at least one recess (44), which interrupts a cutting edge of the blade (42), the recesses (44) in the blades (42) of the intermittent cutting roller (40) being arranged along a helix (461, 462).

IPC 8 full level

B26D 1/40 (2006.01); **A24C 5/18** (2006.01)

CPC (source: EP)

A24C 5/1828 (2013.01); **B26D 1/405** (2013.01)

Citation (examination)

EP 3469922 A1 20190417 - GD SPA [IT]

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

DOCDB simple family (publication)

DE 102018121618 A1 20200305; CN 112601643 A 20210402; CN 112601643 B 20230103; EP 3829838 A1 20210609; EP 3829838 B1 20240522; WO 2020048907 A1 20200312

DOCDB simple family (application)

DE 102018121618 A 20180905; CN 201980057926 A 20190902; EP 19762768 A 20190902; EP 2019073307 W 20190902