

Title (en)

DEVICE AND METHOD FOR PRODUCING A ROD OF THE TOBACCO PROCESSING INDUSTRY

Title (de)

VORRICHTUNG UND VERFAHREN ZUM HERSTELLEN EINES STRANGS DER TABAK VERARBEITENDEN INDUSTRIE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE PRODUCTION D'UNE TIGE DE L'INDUSTRIE DE TRANSFORMATION DU TABAC

Publication

**EP 4099851 B1 20240110 (DE)**

Application

**EP 21712429 A 20210310**

Priority

- DE 102020107421 A 20200318
- EP 2021055996 W 20210310

Abstract (en)

[origin: WO2021185646A1] The invention relates to a device (2) and a method for producing a rod (4) of the tobacco processing industry, comprising a supply device (10), a separating device (12), and a rod-shaping device (20), wherein the supply device (10) is designed to supply a flat web (6) and provide same to the separating device (12) arranged downstream of the supply device (10), the separating device (12) is designed to separate the flat web (6) into a plurality of strips (14), and the rod-shaping device (20) arranged downstream of the separating device (12) is designed to form a rod (4) from the plurality of strips (14). The device (2) is improved by an embossing device (30) which is arranged between the supply device (10) and the rod-shaping device (20) and is designed to introduce an embossing into the flat web (6) or a plurality of the strips (14).

IPC 8 full level

**A24C 5/14** (2006.01); **A24C 5/18** (2006.01); **A24C 5/39** (2006.01); **A24D 1/20** (2020.01); **A24D 3/02** (2006.01)

CPC (source: EP)

**A24C 5/14** (2013.01); **A24C 5/1828** (2013.01); **A24C 5/39** (2013.01); **A24D 1/20** (2020.01); **A24D 3/0204** (2013.01)

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 102020107421 A1 20210923**; CN 115209747 A 20221018; EP 4099851 A1 20221214; EP 4099851 B1 20240110; WO 2021185646 A1 20210923

DOCDB simple family (application)

**DE 102020107421 A 20200318**; CN 202180021896 A 20210310; EP 2021055996 W 20210310; EP 21712429 A 20210310