

Title (en)
A MACHINE FOR PRODUCING MULTI-SEGMENT RODS AND A METHOD FOR CLEANING A MACHINE FOR PRODUCING MULTI-SEGMENT RODS

Title (de)
MASCHINE ZUR HERSTELLUNG VON MEHRSEGMENTSTÄBEN UND VERFAHREN ZUR REINIGUNG EINER MASCHINE ZUR HERSTELLUNG VON MEHRSEGMENTSTÄBEN

Title (fr)
MACHINE DE PRODUCTION DE BÂTONNETS À SEGMENTS MULTIPLES ET PROCÉDÉ DE NETTOYAGE D'UNE MACHINE DE PRODUCTION DE BÂTONNETS À SEGMENTS MULTIPLES

Publication
EP 3648622 A1 20200513 (EN)

Application
EP 18735212 A 20180620

Priority
• PL 42215117 A 20170707
• EP 2018066328 W 20180620

Abstract (en)
[origin: WO2019007682A1] A machine for producing multi-segment rods for use in tobacco industry, the machine comprising: at least one feeding module (2, 3, 4) for placing segments (5a, 5b, 5c) in a train, one after the other, on a collecting transporter (6) for transporting the segments along a predefined transporting path (P) in a direction towards a garniture transporter (9); a transferring module (8) for transferring the segments from the collecting transporter (6) onto the garniture transporter (9); the garniture transporter (9) for transporting segments on a wrapper (10); a garniture device (11) for wrapping the wrapper (10) around the train of the segments to form a continuous rod; a cutting head (13) for cutting the continuous rod into multi-segment rods; and a shifting mechanism (19) for dislocating the collecting transporter (6) with respect to the predefined transporting path (P) to a cleaning position, wherein the segments while being transported on the collecting transporter (6) are not in contact with any of the feeding modules (2, 3, 4).

IPC 8 full level
A24C 5/31 (2006.01); **A24D 3/02** (2006.01)

CPC (source: EP KR RU US)
A24C 5/31 (2013.01 - EP KR RU US); **A24D 3/0287** (2013.01 - EP KR US); **A24C 5/327** (2013.01 - US); **A24D 3/0233** (2013.01 - US); **A24D 3/0254** (2013.01 - US)

Citation (search report)
See references of WO 2019007682A1

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 2019007682 A1 20190110; BR 112020000179 A2 20200707; CN 110891433 A 20200317; EP 3648622 A1 20200513; EP 3648622 B1 20210804; JP 2020526183 A 20200831; KR 20200027477 A 20200312; PL 234056 B1 20200131; PL 422151 A1 20190114; RU 2019144124 A 20210628; RU 2019144124 A3 20210810; RU 2756656 C2 20211004; US 2020315243 A1 20201008

DOCDB simple family (application)
EP 2018066328 W 20180620; BR 112020000179 A 20180620; CN 201880045053 A 20180620; EP 18735212 A 20180620; JP 2019567658 A 20180620; KR 20197038438 A 20180620; PL 42215117 A 20170707; RU 2019144124 A 20180620; US 201816628095 A 20180620