

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 B1 20210804 (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)  
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Citation (opposition)  
Opponent : G.D S.p.A.  
• EP 3054441 A1 20160810 - SAMSUNG DISPLAY CO LTD [KR]  
• US 2011011412 A1 20110120 - YANCHEV DIMITAR [BG], et al  
• GB 1394065 A 19750514 - HAUNI WERKE KOERBER & CO KG  
• WO 2011008113 A2 20110120 - INTERNAT TOBACCO MACHINERY [PL], et al  
• US 2005282693 A1 20051222 - GARTHAFFNER MARTIN T [US], et al  
• WO 2006016222 A1 20060216 - GD SPA [IT], et al  
• US 5536118 A 19960716 - SCHMIDT HANS-HERBERT [DE], et al  
• DE 102010020009 A1 20111110 - HAUNI MASCHINENBAU AG [DE]  
• EP 3015003 A1 20160504 - KÖHL MASCHB AG [LU]  
• WO 2006000918 A2 20060105 - PHILIP MORRIS PROD [CH], et al

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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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