

Title (en)
Device for forming a tobacco rod

Title (de)
Vorrichtung zum Bilden eines Tabakstranges

Title (fr)
Dispositif de formation d'une tige de tabac

Publication
EP 2853163 A1 20150401 (EN)

Application
EP 13004709 A 20130927

Priority
EP 13004709 A 20130927

Abstract (en)
A device for forming a tobacco rod with #c a discharging apparatus (1) for discharging loose tobacco out of a tobacco container (11) in the form of an endless tobacco rod (13) along a conveying section (10), #c an apparatus for forming tobacco accumulations (32), which forms local tobacco accumulations (36) in the endless tobacco rod (13) on the conveying section (10) at regular intervals and #c a trimming apparatus (37) for trimming the height of the tobacco rod (13) at least between the local tobacco accumulations (36), #c wherein the trimming apparatus (37) has a pair of rotating trimming disks (38, 39), the rotational axes (40, 41) of which are arranged on different sides of the conveying section (10), the peripheries (42, 43) of which approach each other within the conveying section (10) and between which the discharging apparatus (1) conveys the tobacco rod (13) and #c which has a removal means (44) for excess tobacco with at least one rotating blade (48), which is arranged on the side of the trimming disks (38, 39) facing away from the discharging apparatus (1), sweeps over the insertion area (49.1) between the peripheries (42, 43) of the trimming disks (38, 39) in front of the point (49) of the greatest convergence of their peripheries (42, 43) with the at least one rotating blade (48) in order to thereby separate the sections of the tobacco rod (13) protruding from the trimming disks (38, 39) at least between the tobacco accumulations (36).

IPC 8 full level
A24C 5/18 (2006.01)

CPC (source: EP)
A24C 5/1814 (2013.01); **A24C 5/1842** (2013.01)

Citation (applicant)
• EP 0846424 B1 20020327 - PHILIP MORRIS PROD [CH]
• EP 0645098 B1 19990526 - HAUNI MASCHINENBAU AG [DE]
• EP 1405573 B1 20080820 - DECOUFLE SARL [FR]

Citation (search report)
• [XDAI] EP 0645098 B1 19990526 - HAUNI MASCHINENBAU AG [DE]
• [A] GB 2150410 A 19850703 - HAUNI WERKE KOERBER & CO KG
• [A] EP 0137604 A1 19850417 - PHILIP MORRIS INC [US]
• [A] GB 919150 A 19630220 - KORBER KURT
• [A] GB 2052242 A 19810128 - GD SPA
• [A] US 6360751 B1 20020326 - FAGG BARRY SMITH [US], et al

Cited by
IT201700036027A1

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)
EP 2853163 A1 20150401; WO 2015043864 A1 20150402

DOCDB simple family (application)
EP 13004709 A 20130927; EP 2014068246 W 20140828