

Title (en)
FEEDING APPARATUS FOR FEEDING SEGMENTS OF TOBACCO INDUSTRY MATERIAL, FEEDING MODULE FOR FEEDING SEGMENTS OF TOBACCO INDUSTRY MATERIAL AND METHOD OF FEEDING TOBACCO INDUSTRY ROD-LIKE ARTICLES

Title (de)
ZUFÜHRVORRICHTUNG ZUM ZUFÜHREN VON SEGMENTEN VON TABAKINDUSTRIEMATERIAL, ZUFÜHRMODUL ZUM ZUFÜHREN VON SEGMENTEN VON TABAKINDUSTRIEMATERIAL UND VERFAHREN ZUM ZUFÜHREN VON STABFÖRMIGEN ARTIKELN

Title (fr)
DISPOSITIF D'ALIMENTATION POUR SEGMENTS DE MATÉRIAU DE L'INDUSTRIE DU TABAC, MODULE D'ALIMENTATION POUR SEGMENTS DE MATÉRIAU DE L'INDUSTRIE DU TABAC ET PROCÉDÉ D'ALIMENTATION

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Application
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Abstract (en)
A feeding apparatus (30, 40) for feeding segments (A) of tobacco industry material, comprising a hopper (21, 41) for storing rods (MA) of tobacco industry material, a receiving drum (22) adapted to receive the rods (MA) from the hopper (21, 41), a conveying drum (23) for conveying the rods (MA) while cutting the rods (MA) into segments (A), a cutting head (24) for cutting the rods (MA) conveyed on the conveying drum (23). The apparatus according to the invention is characterized in that the feeding apparatus comprises a filling sensor (31) for checking the presence of the rod (MA) in a flute (28) of the receiving drum (22), the receiving drum (22) being adapted to make a rotational movement at an increased speed (ω_1) so that when an unfilled flute (28) is detected on the receiving drum (22) it moves with the increased speed (ω_1) so that at the point of transfer (X) of the rod (MA) into the flute (29) of the conveying drum (23) there is another filled flute (28) of the receiving drum (22) and another empty flute (29) of the conveying drum (23).

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Citation (applicant)

- EP 1013181 A2 20000628 - HAUNI MASCHINENBAU AG [DE]
- GB 2267021 A 19931124 - MOLINS PLC [GB]
- WO 2019105813 A1 20190606 - INT TOBACCO MACHINERY POLAND SP ZOO [PL]

Citation (search report)

- [A] US 4044659 A 19770830 - BARDENHAGEN DIETRICH, et al
- [A] EP 3632224 A1 20200408 - GD SPA [IT]
- [AD] WO 2019105813 A1 20190606 - INT TOBACCO MACHINERY POLAND SP ZOO [PL]

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