

Title (en)

A DEVICE FOR MANUFACTURING MULTI-SEGMENT ROD-LIKE ARTICLES

Title (de)

VORRICHTUNG ZUR HERSTELLUNG VON STABFÖRMIGEN ARTIKELN MIT MEHREREN SEGMENTEN

Title (fr)

DISPOSITIF DE FABRICATION D'ARTICLES EN FORME DE TIGE À SEGMENTS MULTIPLES

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Application

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Abstract (en)

[origin: WO2022013411A1] A device for manufacturing multi-segment rod-like articles (R), the device comprising: a feeding unit (5) for feeding a train of segments (S1, S2, S3), the feeding unit (5) comprising a feeding wheel (8), a transporter (9) for transporting a wrapper (10) having a form of a tape and the segments (S1, S2, S3) on the belt (13) along a guide (14) provided with an inlet part (14-I), a forming unit (11) for forming a continuous rod (CR) from the segments (S1, S2, S3), a cutting head (12) for cutting the continuous rod (CR) into individual multi-segment rod-like articles (R), wherein the feeding wheel (8) is located above the inlet part (14-I) of the guide (14). At least one rotary pressing element (21, 23, 27, 32) having a peripheral pressing surface (22, 24, 30, 31, 35, 36) is positioned above the inlet part (14-I) of the guide (14) and before the forming unit (11), downstream the feeding wheel (8) in a direction of movement of the belt (13), the rotary pressing element (21, 23, 27, 32) being configured to adjust axial alignment of segments (S1, S2, S3).

IPC 8 full level

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