

Title (en)  
DEVICE, METHOD AND APPARATUS FOR INSPECTING EMBOSSED FILTER SEGMENTS

Title (de)  
VORRICHTUNG, VERFAHREN UND VORRICHTUNG ZUR INSPEKTION GEPRÄGTER FILTERSEGMENTE

Title (fr)  
DISPOSITIF, PROCÉDÉ ET APPAREIL D'INSPECTION DE SEGMENTS DE FILTRE GAUFRÉS

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Application  
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Abstract (en)  
[origin: WO2018189645A1] This invention relates to a device, a method and an apparatus for inspecting embossed filter segments. Each embossed filter segment (2) extends longitudinally and comprises at least a first portion (20) and a second portion (21) each having a first end (20a, 21a) and a second end (20b, 21b). The second end (20b) of the first portion (20) is adjacent and contiguous to the first end (21a) of the second portion (21). The first portion (20) or the second portion (21) is embossed. The device (1) comprises: a rotary drum (3) comprising a plurality of seats (30) for receiving in each one an embossed filter segment (2); image capturing means (4) for capturing an image of a first part (5) of the embossed filter segment (2) disposed in the seat of the drum (3), the first part (5) extending parallel to the axis of extension (X) of the embossed filter segment (2) and at least from the first end (20a) of the first portion (20) to the first end (21a) of the second portion (21); a processing unit (6) for processing the aforesaid image and which, based on the image, calculates the length (L1) of the first portion (20) of the embossed filter segment (2).

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