

Title (en)
NON-BURNING TOBACCO ROD MANUFACTURED ON BASIS OF FLOCKING TECHNIQUE, AND MANUFACTURING METHOD FOR SAID TOBACCO ROD

Title (de)
AUF BASIS EINER FLOCKTECHNIK HERGESTELLTER, NICHTBRENNENDER TABAKSTRANG UND HERSTELLUNGSVERFAHREN FÜR BESAGTEN TABAKSTRANG

Title (fr)
TIGE DE TABAC SANS COMBUSTION FABRIQUÉE SUR LA BASE D'UNE TECHNIQUE DE FLOCAGE, ET PROCÉDÉ DE FABRICATION DE LADITE TIGE DE TABAC

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Application
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Priority
CN 2020085362 W 20200417

Abstract (en)
[origin: EP3854228A1] The present invention belongs to the technical field of heating cigarette manufacturing, and in particular to a non-combustible cigarette based on flocking technology and a manufacturing method of the cigarette. The cigarette includes a cigarette paper layer (31), which is a hollow cylindrical structure. The inner wall of the cigarette paper layer (31) is provided with an adhesive layer (21), and tobacco filler granules (11), tobacco filler filaments or tobacco filler fibers are fixedly bonded on the adhesive layer (21). The manufacturing method includes a flocking process and a cigarette-rolling process. The process automatically flocks filamentous, fibrous or granular tobacco to the surface of the cigarette paper, and then connects to the cigarette-rolling process to obtain the non-combustible cigarette. When the cigarette is filled with the tobacco filler granules, the complex process of using a plugging device at the open end of the cigarette is eliminated. When the cigarette is filled with the tobacco filler filaments or fibers, the thermal resistance of heat transferring in the radial direction of the cigarette is reduced, thereby overcoming the shortcomings of the existing heat-not-burn cigarette such as large thermal resistance, slow heat transfer rate and uneven heating.

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Citation (search report)

- [Y] FR 2089766 A5 19720107 - SUPLA ETS
- [Y] FR 1250277 A 19610106
- [Y] GB 762467 A 19561128 - BRITISH CELANESE
- [A] US 2011290269 A1 20111201 - SHIMIZU KAZUHIKO [JP]
- See references of WO 2021077698A1

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