

Title (en)

FILTER ROD, CIGARETTE, AND METHOD OF MANUFACTURING A FILTER ROD

Title (de)

FILTERSTAB, ZIGARETTE UND VERFAHREN ZUR HERSTELLUNG EINES FILTERSTABS

Title (fr)

TIGE DE FILTRE, CIGARETTE ET PROCÉDÉ DE FABRICATION D'UNE TIGE DE FILTRE

Publication

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Application

EP 18189800 A 20180820

Priority

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Abstract (en)

The present disclosure relates to an air filter rod (10), a cigarette, and a method of manufacturing an air filter rod (10). The air filter rod (10) has a tipping-paper outer layer (11) formed by rolling tipping paper into a cylindrical shape and a hollow portion defined by the tipping-paper outer layer (11). The hollow portion (12) has a plurality of resistance-increasing shape-fixing pieces (13), and the resistance-increasing shape-fixing pieces are arranged orderly in parallel to one another in the hollow portion (12). The resistance-increasing shape-fixing pieces (13) are each in a columnar structure formed by rolling tipping paper to form a rod-shaped structure and then cutting the rod-shaped structure, and a cavity (15) is formed between every two adjacent resistance-increasing shape-fixing pieces (13) in an axial direction of the tipping-paper outer layer (11). Each resistance-increasing shape-fixing piece (13) is provided with gas flow channels (14) in the axial direction of the tipping-paper outer layer (11). Each resistance-increasing shape-fixing piece (13) has a thickness of 1 to 10 mm; and the tipping paper is regenerated cellulose cellophane. With the unique microporous design of the present disclosure, the smoke flow speed is increased, and the smoke flow state is changed, whereby some of the harmful substances such as tar are settled and adsorbed.

IPC 8 full level

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