

AIR FILTER ROD, CIGARETTE, AND METHOD OF MANUFACTURING AN AIR FILTER ROD

Abstract

The present disclosure relates to an air filter rod, a cigarette, and a method of manufacturing an air filter rod. The air filter rod has a tipping-paper outer layer formed by rolling tipping paper into a cylindrical shape and a hollow portion defined by the tipping-paper outer layer. The hollow portion has a plurality of resistance-increasing shape-fixing pieces, and the resistance-increasing shape-fixing pieces are arranged orderly in parallel to one another in the hollow portion. The resistance-increasing shape-fixing pieces 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 is formed between every two adjacent resistance-increasing shape-fixing pieces in an axial direction of the tipping-paper outer layer. Each resistance-increasing shape-fixing piece is provided with gas flow channels in the axial direction of the tipping-paper outer layer. Each resistance-increasing shape-fixing piece 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.

[Figure 1]