

Title (en)  
MOUTHPIECE FILTER AND CIGARETTE HAVING VARIABLE VENTILATION

Title (de)  
MUNDSTÜCKFILTER UND ZIGARETTE MIT VARIABLER BELÜFTUNG

Title (fr)  
FILTRE D'EMBOU BUCCAL ET CIGARETTE AYANT UNE VENTILATION VARIABLE

Publication  
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Application  
**EP 19934340 A 20190827**

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Abstract (en)  
[origin: EP3799729A1] The invention discloses a variable-ventilation filter tip and a cigarette. The above filter tip includes a filter element and a coating layer, wherein the coating layer wraps the filter element; the filter element includes a smoke inlet end and a smoke release end; a phase-change ventilation area and a non-phase-change ventilation area are arranged on the coating layer, a plurality of first ventilation holes are arranged in the phase-change ventilation area, and a plurality of second ventilation holes are arranged in the non-phase-change ventilation area; outside air penetrates through the coating layer through the first ventilation holes and the second ventilation holes to enter a part of the filter element; a part in the filter element close to the smoke inlet end is provided with a starch tube; and a phase-change material is filled in the first ventilation hole; and a phase-change temperature of the phase-change material ranges from 45°C to 60°C. The invention further discloses the cigarette applying the above filter tip. According to the invention, the cigarette may be smoked in an ignition manner or a non-ignition heating manner.

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• [I] CN 109924542 A 20190625 - CHINA TOBACCO HUNAN IND CO LTD  
• [I] CN 109924539 A 20190625 - CHINA TOBACCO HUNAN IND CO LTD  
• [I] CN 207653554 U 20180727 - CHINA TOBACCO HUNAN IND CO LTD  
• [I] CN 207653551 U 20180727 - CHINA TOBACCO HUNAN IND CO LTD  
• See also references of WO 2021012349A1

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