

Title (en)

SMOKING ARTICLE AND METHOD FOR COOLING A HEATED PARTICLE-LOADED GAS

Title (de)

RAUCHARTIKEL UND VERFAHREN ZUM KÜHLEN EINES ERWÄRMTE PARTIKELBELADENEN GASES

Title (fr)

ARTICLE À FUMER ET PROCÉDÉ SERVANT À REFRROIDIR UN GAZ RÉCHAUFFÉ CHARGÉ EN PARTICULES

Publication

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Application

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Abstract (en)

[origin: WO2019042762A1] The invention relates to a smoking article (1) comprising a mouthpiece (2) for drawing in a particle-loaded gas (3), the particle-loaded gas (3) being heated. The aim of the invention is to provide a smoking article in which the temperature of the gas, aerosol or humidity absorbed by the user of a smoking article is reduced. To this end, the smoking article comprises at least one cooling element (4) for cooling the particle-loaded gas (3), the particle-loaded gas (3) flows through the cooling element (4) during the drawing-in action, the cooling element (4) comprises a cooling material (5), the cooling element (4) carries out the cooling by means of an endothermic process of the cooling material (5), and the endothermic process is activated by the heated particle-loaded gas (3).

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