

Title (en)
FILTER FOR A SMOKING ARTICLE

Title (de)
FILTER FÜR RAUCHARTIKEL

Title (fr)
FILTRE POUR ARTICLE À FUMER

Publication
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Application
EP 09785382 A 20090723

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Abstract (en)
[origin: WO2010010397A1] The present invention relates to smoking articles incorporating an improved filter in which the amount of smoke filtration varies with increased strength of draw. In particular, the filter comprises a plurality of passageways, at least one primary passageway I comprising a section of material which extends from the rod of smokable material to the mouth end of the smoking article and which has a high capacity to filter smoke and a high capacity to resist the passage of smoke. Via a series of small holes in an otherwise non-porous interface between the different passageways, smoke may be drawn between the primary passageway I and one or more secondary passageways II which have a low capacity to filter and resist the passage of smoke. At lower strengths of draw, smoke may become drawn through the small holes between the primary and secondary passageways. At higher strengths of draw, however, the rate at which smoke may pass through the small holes is limited by the restricted orifice effect and in this way the level of filtration of the smoke at different strengths of draw may be controlled.

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