

Title (en)  
COOLING FILTER ROD, APPLICATION AND CIGARETTE

Title (de)  
KÜHLFILTERSTAB, ANWENDUNG UND ZIGARETTE

Title (fr)  
BÂTONNET FILTRE REFROIDISSANT, APPLICATION ET CIGARETTE

Publication  
**EP 3797606 A4 20220309 (EN)**

Application  
**EP 19806898 A 20190319**

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- CN 2019078660 W 20190319

Abstract (en)

[origin: EP3797606A1] A cooling filter rod, an application and a cigarette are provided. The cooling filter rod is mainly formed by cooling particles; the cooling particle includes a particle body and a shell coated on the particle body, and the shell/or the particle body contains a phase change material. The phase change material is coated on the surface of the particle material to form cooling particles, and the cooling particles are integrally formed into a cooling filter rod, which can be directly used for cigarette production after being compounded with conventional filter rods; the cooling effect can be controlled according to the amount of the phase change material and the cooling filter rod, and such a filter rod can realize industrial production and has low cost and good cooling effect; the smoking resistance is small, and the contact area between the smoke and the phase change material is large, so the cooling efficiency is high.

IPC 8 full level  
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- See also references of WO 2019223412A1

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Designated contracting state (EPC)  
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