

Title (en)  
DEVICE FOR PURIFYING TOBACCO SMOKE.

Title (de)  
VORRICHTUNG ZUM REINIGEN VON TABAKSRAUCH.

Title (fr)  
DISPOSITIF DE PURIFICATION DE LA FUMEE DE TABAC.

Publication  
**EP 0040252 A4 19820322 (EN)**

Application  
**EP 80902181 A 19801111**

Priority  
JP 15755379 U 19791115

Abstract (en)  
[origin: EP0040252A1] A device for removing noxious substances in the smoke of tobacco in a cigarette holder or pipe, including cooling fins (2) formed on the outer periphery thereof, a front flue portion (9) for accomodating a fibrous substance (4) such as tissue paper or the like therein, and a metallic cylinder (3) having a cooling chamber of an inner diameter larger than that of the flue portion (9). The device is telescopically inserted into a mouthpiece (1), and is adapted to abruptly cool tobacco smoke owing to the cooperative action of heat dissipation by the cooling fins and the adiabatic expansion of the smoke upon flowing into the cooling chamber from the flue portion. As a result, noxious substances in the smoke, such as nicotine and tar, are condensed and allowed to adhere to the fibrous substance in the cooling chamber for effective removal.

IPC 1-7  
**A24F 13/04**; **A24F 13/06**; **A24F 1/02**

IPC 8 full level  
**A24F 1/02** (2006.01); **A24F 7/04** (2006.01); **A24F 13/04** (2006.01); **A24F 13/06** (2006.01)

CPC (source: EP)  
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