

Title (en)  
Smoke-free cigarette

Title (de)  
Rauchfreie Zigarette

Title (fr)  
Cigarette sans fumée

Publication  
**EP 2138058 B1 20100922 (DE)**

Application  
**EP 08013799 A 20080731**

Priority  
DE 102008030548 A 20080627

Abstract (en)  
[origin: EP2138058A1] A smoke-free cigarette (10) comprises a self-sufficient heating unit (14) for producing heat and a nicotine reservoir. The nicotine reservoir includes nicotine, a nicotine-containing compound or tobacco enriched with nicotine compound. The heating unit is designed such that it has a fluid including sodium acetate trihydrate, sodium sulfate, Glauber's salt or magnesium nitrate hexahydrate. The fluid in oversaturated form emits heat during crystallization of sodium acetate trihydrate, sodium sulfate, Glauber's salt or magnesium nitrate hexahydrate. An independent claim is included for a method for filling smoke-free cigarette, which involves heating sodium acetate trihydrate, sodium sulfate, Glauber's salt or magnesium nitrate hexahydrate.

IPC 8 full level  
**A24D 1/22** (2020.01)

CPC (source: EP US)  
**A24D 1/22** (2020.01 - EP US)

Cited by  
EP2668860A3; RU184342U1; RU2643968C2; DE102019126490A1; US11241042B2; US11825870B2; US10542777B2; US10036574B2; US11672279B2; US12041968B2; US11452313B2; US12016393B2; WO2014045025A3; WO2021064119A1; US11064725B2; US11659863B2; US11924930B2

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DOCDB simple family (publication)  
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