

Title (en)  
Smoke-free cigarette

Title (de)  
Rauchfreie Zigarette

Title (fr)  
Cigarette sans fumée

Publication  
**EP 2191735 A1 20100602 (DE)**

Application  
**EP 08020736 A 20081128**

Priority  
EP 08020736 A 20081128

Abstract (en)  
The cigarette (10) has a thermal unit (40) for self-sustaining generation of heat and a nicotine reservoir provided with nicotine or a nicotine-containing compound. The thermal unit has a crystallization medium i.e. metastable solution, to continuously emit heat between 5 and 10 minutes during crystallization. An outer sleeve (22) is provided with a paper layer, a metal layer and a plastic layer, where the cigarette is designed as a disposable article. The thermal unit is heated to the temperature between 45 and 55 degree Celsius. The medium comprises fluid containing the salthydrate such as natrium acetate-trihydrate and/or sodium sulfate and/or magnesium nitrate-hexahydrate. Independent claims are also included for the following: (1) a method for manufacturing a smoke-free cigarette (2) a method for providing a thermal unit used in a smoke-free cigarette.

Abstract (de)  
Die vorliegende Erfindung betrifft eine rauchfreie Zigarette (10) mit einer Wärmeeinheit (40) zur autarken Erzeugung von Wärme sowie mit einem Nikotin-Reservoir, in dem sich Nikotin oder eine nikotinhaltige Verbindung befindet, wobei ein Auslösemechanismus vorgesehen ist, mittels dessen die Wärmeeinheit (40) bei Betätigung des Auslöse- mechanismus aktiviert wird, wobei der Auslösemechanismus derart ausgeführt ist, dass er durch Einwirkung einer Druckkraft auslösbar ist.

IPC 8 full level  
**A24F 42/10** (2020.01); **A24F 42/60** (2020.01)

CPC (source: EP US)  
**A24F 42/10** (2020.01 - EP US); **A24F 42/60** (2020.01 - EP US)

Citation (applicant)  
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Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
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