

Title (en)

DEVICE FOR SELF-LIGHTING OF A CIGARETTE, COMPRISING INCOMPATIBLE CHEMICAL MATERIALS THAT GENERATE SUFFICIENT THERMAL ENERGY TO LIGHT THE END OF SAID CIGARETTE WHEN THEY ARE IN CONTACT WITH ONE ANOTHER

Title (de)

VORRICHTUNG ZUM SELBSTANZÜNDEN EINER ZIGARETTE MIT UNVERTRÄGLICHEN CHEMISCHEN STOFFEN MIT ERZEUGUNG VON AUSREICHENDER WÄRMEENERGIE ZUM ANZÜNDEN DES ENDES DER ZIGARETTE BEI GEGENSEITIGER BERÜHRUNG

Title (fr)

DISPOSITIF D'AUTO-ALLUMAGE D'UNE CIGARETTE COMPRENANT DES MATIERES CHIMIQUES INCOMPATIBLES GENERANT UNE ENERGIE THERMIQUE SUFFISANTE POUR ALLUMER L'EXTREMITÉ DE LADITE CIGARETTE LORSQU'ELLES SONT EN CONTACT L'UNE DE L'AUTRE

Publication

**EP 2948419 A2 20151202 (FR)**

Application

**EP 14708593 A 20140124**

Priority

- FR 1350665 A 20130125
- FR 2014050140 W 20140124

Abstract (en)

[origin: WO2014114892A2] The invention relates to a device for self-lighting of a cigarette (1), comprising a primary chemical material and a secondary chemical material, said chemical materials being incompatible and generating sufficient thermal energy to light the end (4) of said cigarette when they are in contact with one another, - the primary chemical material is placed in a capsule (70) intended to be fixed at the end to be lit (4) of the cigarette (1), - the secondary chemical material is disposed in a receptacle (80) designed to be positioned at the end to be lit (4) of the cigarette (1) in an arrangement that allows said secondary material to be brought into contact with the primary material, characterized in that: - the capsule (70) is made of an airtight and moisture-tight combustible material, said capsule having at least one puncturing zone, - the receptacle (80) incorporates a sealed container containing the secondary chemical material, said reservoir comprising a pointed end piece (82) the rigidity of which is sufficient to pierce the capsule (7) in its puncturing zone and through which said secondary chemical material can flow.

IPC 8 full level

**C06C 9/00** (2006.01); **A24D 1/08** (2006.01)

CPC (source: EP US)

**A24D 1/08** (2013.01 - EP US); **C06C 9/00** (2013.01 - EP US); **F23B 20/00** (2013.01 - US)

Citation (search report)

See references of WO 2014114892A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**FR 3001365 A1 20140801**; **FR 3001365 B1 20150424**; BR 112015017634 A2 20171212; CA 2897431 A1 20140731; CN 105121390 A 20151202; EA 027496 B1 20170731; EA 201591375 A1 20151130; EP 2948419 A2 20151202; IL 240038 A0 20150924; JP 2016509479 A 20160331; KR 20160007481 A 20160120; US 2015335064 A1 20151126; WO 2014114892 A2 20140731; WO 2014114892 A3 20141120

DOCDB simple family (application)

**FR 1350665 A 20130125**; BR 112015017634 A 20140124; CA 2897431 A 20140124; CN 201480006061 A 20140124; EA 201591375 A 20140124; EP 14708593 A 20140124; FR 2014050140 W 20140124; IL 24003815 A 20150720; JP 2015554233 A 20140124; KR 20157023120 A 20140124; US 201414761361 A 20140124