

Title (en)
CIGARETTE

Title (de)
ZIGARETTE

Title (fr)
CIGARETTE

Publication
EP 3735845 A1 20201111 (EN)

Application
EP 20182859 A 20120530

Priority
• EP 20182859 A 20120530
• EP 12877676 A 20120530
• JP 2012063991 W 20120530

Abstract (en)
A cigarette comprises a tobacco rod and a filter including a filter plug connected to one end of the tobacco rod and a capsule in which contents is held inside a film. The filter plug has a property that a repulsive force increases in accordance with a first increasing rate with an increase of an indentation rate when the indentation rate is equal to or less than a specific value as the filter plug is pressed from outside and the repulsive force increases in accordance with a second increasing rate larger than the first increasing rate with the increase of the indentation rate when the indentation rate becomes larger than the specific value. The capsule is destroyed when the indentation rate of the filter plug is equal to or less than the specific value.

IPC 8 full level
A24D 3/04 (2006.01); **A24D 3/06** (2006.01)

CPC (source: CN EP KR US)
A24D 1/002 (2013.01 - KR); **A24D 3/0216** (2013.01 - KR); **A24D 3/04** (2013.01 - EP US); **A24D 3/048** (2013.01 - CN EP US);
A24D 3/061 (2013.01 - CN EP KR); **A24D 3/063** (2013.01 - KR); **A24D 3/10** (2013.01 - KR)

Citation (applicant)
• JP 2003304856 A 20031028 - BRITISH AMERICAN TOBACCO CO
• EP 2213185 A1 20100804 - REYNOLDS TOBACCO CO R [US]
• WO 2006082529 A2 20060810 - PHILIP MORRIS PROD [CH]
• EP 2120616 A2 20091125 - PHILIP MORRIS PROD [CH]
• JP 2011512122 A 20110421

Citation (search report)
• [A] EP 2213185 A1 20100804 - REYNOLDS TOBACCO CO R [US]
• [A] WO 2006082529 A2 20060810 - PHILIP MORRIS PROD [CH]
• [A] EP 2120616 A2 20091125 - PHILIP MORRIS PROD [CH]
• [A] JP 2011512122 A 20110421
• [A] JP 2008546400 A 20081225
• [A] EP 0649607 A2 19950426 - BRITISH AMERICAN TOBACCO CO [GB]

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

DOCDB simple family (publication)
EP 2856890 A1 20150408; EP 2856890 A4 20160323; EP 2856890 B1 20200708; CN 104379005 A 20150225; CN 104379005 B 20171128;
EP 3704960 A1 20200909; EP 3704960 B1 20220601; EP 3704960 B8 20220713; EP 3735845 A1 20201111; ES 2821430 T3 20210426;
JP 5710838 B2 20150430; JP WO2013179429 A1 20160114; KR 101721741 B1 20170410; KR 101913980 B1 20181031;
KR 20150003288 A 20150108; KR 20170036817 A 20170403; PL 2856890 T3 20210125; RU 2591138 C1 20160710;
SG 11201407530V A 20150129; TW 201347690 A 20131201; TW I508671 B 20151121; WO 2013179429 A1 20131205

DOCDB simple family (application)
EP 12877676 A 20120530; CN 201280073633 A 20120530; EP 20172337 A 20120530; EP 20182859 A 20120530; ES 12877676 T 20120530;
JP 2012063991 W 20120530; JP 2014518160 A 20120530; KR 20147031378 A 20120530; KR 20177007977 A 20120530;
PL 12877676 T 20120530; RU 2014153575 A 20120530; SG 11201407530V A 20120530; TW 101150432 A 20121227