

Title (en)  
PERFUMED BEADS AND FILTER FOR CIGARETTE

Title (de)  
PARFÜMIERTE PERLEN UND FILTER FÜR ZIGARETTE

Title (fr)  
BILLES PARFUMÉES ET FILTRE À CIGARETTE

Publication  
**EP 2093276 B1 20121121 (EN)**

Application  
**EP 07850428 A 20071211**

Priority  
• JP 2007073866 W 20071211  
• JP 2006336180 A 20061213  
• JP 2007075371 A 20070322

Abstract (en)  
[origin: US2009235941A1] A flavor bead includes a particulate carrier, a glucan film supported by the particulate carrier, and a flavorant. The flavorant is supported by the flavor bead such that release of flavor from the flavorant is suppressed by the glucan film, but the flavor is released by the glucan film being at least partially dissolved when the glucan film contacts with tobacco mainstream smoke.

IPC 8 full level  
**C11B 9/00** (2006.01); **A24B 15/28** (2006.01); **A24D 3/06** (2006.01); **A24D 3/14** (2006.01); **A24D 3/16** (2006.01)

CPC (source: EP KR US)  
**A24B 15/283** (2013.01 - EP US); **A24D 3/061** (2013.01 - EP US); **A24D 3/14** (2013.01 - EP KR US); **A24D 3/16** (2013.01 - KR);  
**C11B 9/00** (2013.01 - KR)

Cited by  
GB2516104A; EP2253232A4; US9486011B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2009235941 A1 20090924**; CA 2671004 A1 20080619; CA 2671004 C 20130312; CN 101558143 A 20091014; CN 101558143 B 20120926; EP 2093276 A1 20090826; EP 2093276 A4 20100217; EP 2093276 B1 20121121; ES 2396593 T3 20130222; HK 1133034 A1 20100312; JP 4876296 B2 20120215; JP WO2008072627 A1 20100402; KR 101148254 B1 20120525; KR 20090089357 A 20090821; MY 157908 A 20160815; RU 2405810 C1 20101210; TW 200848505 A 20081216; TW I384063 B 20130201; WO 2008072627 A1 20080619

DOCDB simple family (application)  
**US 47659609 A 20090602**; CA 2671004 A 20071211; CN 200780046050 A 20071211; EP 07850428 A 20071211; ES 07850428 T 20071211; HK 09111289 A 20091202; JP 2007073866 W 20071211; JP 2008549318 A 20071211; KR 20097011459 A 20071211; MY PI20092233 A 20071211; RU 2009122488 A 20071211; TW 96147355 A 20071212