

Title (en)  
CONTROLLED RELEASE OF SUBSTANCES

Title (de)  
KONTROLLIERTE FREISETZUNG VON STOFFEN

Title (fr)  
LIBERATION REGULEE DE SUBSTANCES

Publication  
**EP 1225971 A4 20100407 (EN)**

Application  
**EP 99925948 A 19990528**

Priority  
US 9911775 W 19990528

Abstract (en)  
[origin: WO0072951A1] A device (20) for releasing a volatile substance (21) includes a housing (22) having an interior region (26), a volatile substance (21) contained therein, and the ability to controllably release the volatile substance (21) from the housing (22). Such controllable release can be realized by the housing (22) being substantially permeable to ambient air, yet substantially impermeable to the volatile substance (21) contained within the interior region (26) of the housing (22). Additionally, the invention contemplates the use of one or more porous plugs (33) for diffusing the volatile substance (21) therethrough and eventually into atmosphere in a vapor form. To assist such diffusion, the invention contemplates the use of an electrochemical gas generating cell (95), a heating element (123, 125) and/or other features which allow air to controllably enter into the interior region (26) of the housing (22).

IPC 8 full level  
**B01F 3/04** (2006.01); **A01M 1/20** (2006.01); **A61L 9/12** (2006.01)

CPC (source: EP)  
**A01M 1/2033** (2013.01); **A01M 1/2044** (2013.01); **A01M 1/2072** (2013.01); **A01M 1/2077** (2013.01); **A61L 9/12** (2013.01)

Citation (search report)

- [X] WO 9858684 A1 19981230 - CERAMATEC INC [US]
- [X] US 4399942 A 19830823 - CHAND RAMESH [US]
- See references of WO 0072951A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**WO 0072951 A1 20001207**; AU 4213299 A 20001218; EP 1225971 A1 20020731; EP 1225971 A4 20100407; JP 2003500181 A 20030107; JP 3904393 B2 20070411

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