

Title (en)

A DEVICE FOR DISPERSING LIQUID ACTIVE MATERIALS IN PARTICULATE FORM COMPRISING A SINTERED LIQUID CONDUCTOR

Title (de)

VORRICHTUNG ZUR DISPERSION FLÜSSIGER WIRKSTOFFE IN PARTIKELFORM MIT EINEM GESINTERTEN FLÜSSIGKEITSLEITER

Title (fr)

DISPOSITIF DE DISPERSION DE MATÉRIAUX ACTIFS LIQUIDES SOUS UNE FORME PARTICULAIRE COMPRENANT UN CONDUCTEUR DE LIQUIDE FRITTÉ

Publication

**EP 2160254 A1 20100310 (EN)**

Application

**EP 08776537 A 20080626**

Priority

- IB 2008052581 W 20080626
- US 93713407 P 20070626

Abstract (en)

[origin: WO2009001319A1] One embodiment of the present invention provides a device for generating particles comprising: a perforated plate comprising at least one orifice; an electromechanical transducer operably connected to said perforated plate or an optional base plate; a liquid source comprising: a liquid reservoir; and a liquid conductor in fluid communication with said perforated plate and in fluid communication with said liquid reservoir, said liquid conductor comprising at least one open cell composition and at least one stiff-wick composition, wherein said compositions are affixed to one another by sintering.

IPC 8 full level

**B05B 17/06** (2006.01); **A01M 1/20** (2006.01); **A61L 9/14** (2006.01)

CPC (source: EP KR)

**A01M 1/20** (2013.01 - KR); **A01M 1/205** (2013.01 - EP); **A61L 9/14** (2013.01 - EP KR); **B05B 17/06** (2013.01 - KR); **B05B 17/0646** (2013.01 - EP); **B05B 17/0684** (2013.01 - EP)

Citation (search report)

See references of WO 2009001319A1

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)

**WO 2009001319 A1 20081231**; CA 2692284 A1 20081231; EP 2160254 A1 20100310; KR 20090130413 A 20091223

DOCDB simple family (application)

**IB 2008052581 W 20080626**; CA 2692284 A 20080626; EP 08776537 A 20080626; KR 20097024290 A 20080626