

Title (en)

Piezoelectric spraying system for dispensing volatiles

Title (de)

Piezoelektrisches Sprühsystem zum Austragen flüchtiger Stoffe

Title (fr)

Système de pulvérisation piezo-électrique pour la distribution d'agents volatils

Publication

EP 1430958 A2 20040623 (EN)

Application

EP 03026510 A 20000209

Priority

- EP 00906018 A 20000209
- US 11929899 P 19990209

Abstract (en)

Disclosed herein is a piezoelectric liquid delivery system or atomizer for production of droplets of liquid suspensions by means of a battery operated dispenser utilizing an orifice plate (3) in communication with a piezoelectric element (2). By control of the viscosity and surface tension of the liquid to be dispersed, an improved method of dispensing such liquid is achieved. <IMAGE>

IPC 1-7

B05B 17/06

IPC 8 full level

B05B 17/06 (2006.01)

CPC (source: EP)

B05B 17/0646 (2013.01); **B05B 17/0684** (2013.01)

Cited by

AU2005259869B2; AU2016275720B2; US10518288B2; WO2016198667A1; WO2006004808A1; US9914145B2; US10940500B2; US7469842B2; US7252244B2; US10011419B2; EP1792662A1; WO2007062698A1; US9604242B2; EP3307442B1

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