

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 A3 20041103 (EN)**

Application

**EP 03026510 A 20000209**

Priority

- EP 00906018 A 20000209
- US 11929899 P 19990209

Abstract (en)

[origin: EP1430958A2] 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)

Citation (search report)

- [A] US 5657926 A 19970819 - TODA KOHJI [JP]
- [A] US 5518179 A 19960521 - HUMBERSTONE VICTOR CAREY [GB], et al
- [A] EP 0480615 A1 19920415 - TODA KOJI [JP]
- [A] US 4479609 A 19841030 - MAEDA MASATOSHI [JP], et al
- [A] EP 0516565 A1 19921202 - TDK CORP [JP]

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