

Title (en)  
SYSTEMS, APPARATUS, METHODS AND ARTICLES FOR USE IN SANITIZATION OR DISINFECTION

Title (de)  
SYSTEME, VORRICHTUNGEN, VERFAHREN UND ARTIKEL ZUM EINSATZ IN HYGIENE- ODER DESINFektionsANGELEGENHEITEN

Title (fr)  
SYSTÈMES, APPAREIL, PROCÉDÉS ET ARTICLES DESTINÉS À ÊTRE UTILISÉS POUR L'ASSAINISSEMENT OU LA DÉSINFECTION

Publication  
**EP 2613813 A4 20141029 (EN)**

Application  
**EP 11824079 A 20110907**

Priority

- GB 2011051659 W 20110906
- GB 201115339 A 20110906
- US 201161433774 P 20110118
- GB 201014820 A 20100907
- US 2011050715 W 20110907

Abstract (en)  
[origin: GB2483552A] A method of generating a dry fog comprises nebulising a provided preparation and delivering it to a desired density, with particles of a predetermined size, within a predetermined time. The nebulising device preferably possesses a piezoelectric transducer 10 which nebulises the preparation / solution ideally provided in a container 6. A fan 13 may assist in delivering or dispersing the dry mist / fog, the speed of the fan being variable to control particle size and/or delivery rate. The particle size may be between 1 à 8 micrometres, preferably 1 - 2 microns. The atomised solution may be delivered by a duct 3, the length and internal shape of the duct being adjustable to control the particle size. By having atomised particles of a very small diameter, dry mist is formed. An independent claim relates to decontaminating a space by nebulising a decontaminant solution, the duct adapted to control the size of the nebulised particles.

IPC 8 full level  
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Citation (search report)

- [XYI] WO 2005048041 A2 20050526 - SCICAN A DIVISION OF LUX AND Z [US], et al
- [YP] WO 2011047127 A1 20110421 - MINNTECH CORP [US], et al
- [XYI] US 2009276239 A1 20091105 - SWART SALLY K [US], et al
- [A] WO 2010000022 A1 20100107 - SABAN VENTURES PTY LTD [AU], et al
- See also references of WO 2012033850A2

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