

Title (en)  
AN ELECTROSTATIC ATOMISER

Title (de)  
ELEKTROSTATISCHER ZERSTÄUBER

Title (fr)  
ATOMISEUR ELECTROSTATIQUE

Publication  
**EP 1592514 B1 20070502 (EN)**

Application  
**EP 04708814 A 20040206**

Priority  
• GB 2004000458 W 20040206  
• GB 0303158 A 20030212

Abstract (en)  
[origin: WO2004071670A1] An electrostatic atomiser (1), comprises a channel (3) through which, in use, a fluid passes; one or more orifices (8) to allow the fluid to exit the atomiser (1); and at least two electrodes (4, 6) in contact with the fluid, when the atomiser is in use, so that when an appropriate potential is applied to said electrodes (4, 6), fluid particles are charged; at least one of said electrodes (4, 6) presents a fluid contacting region which comprises a closely contiguous array of non-fibrous conducting elements (13) generally protruding from the electrode (6) so as to form an array of individual electrode points where the field generated by the atomiser is concentrated.

IPC 8 full level  
**B05B 5/053** (2006.01)

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