

Title (en)  
Fog generator.

Title (de)  
Nebelgenerator.

Title (fr)  
Générateur de brouillard.

Publication  
**EP 0158038 A1 19851016 (DE)**

Application  
**EP 85101515 A 19850213**

Priority  
• DE 3441002 A 19841109  
• DE 8404591 U 19840216

Abstract (en)  
1. A preferably portable fog generator for producing and/or enhancing optical effects with a fog chamber which opens into an exhaust conduit, with a pump which is connected through liquid conduits on one hand to a tank outside the generator and, on the other hand, with the fog chamber, with a fog generator which transforms the liquid inside the fog chamber into an aerosol, a fan which conveys the aerosol from the fog chamber through the exhaust conduit out of the generator and a housing carrying and surrounding the aforementioned components, characterized in that within the fog chamber (1) there are arranged several ultrasonic transducers (6) driven simultaneously with high-frequency oscillations and fed by one or several high-frequency generators (11, 13) which are screened by a material having good electrical conductivity, preferably aluminium, further a device for cooling the electrical components and that inside the fog generator, preferably between the fog chamber (1) and the exhaust conduit (2) a droplet separator (24) is arranged.

Abstract (de)  
Die Erfindung bezieht sich auf einen Nebelgenerator, bei welchem in einer gesonderten Nebelkammer mehrere Ultraschallwandler angeordnet sind, wobei weiterhin dem mit einer Nebelflüssigkeit arbeitenden Nebelgenerator ein weiterer Nebelgenerator zugeordnet wird, der ein nebelartiges Aerosol auf der Basis von Luft-Wasser und ggf. Kohlendioxid schafft, wobei die beiden derart erzeugten Nebel ineinander eingeführt, gemischt und in Abhängigkeit des gewünschten Effektes die beiden Nebelarten dosiert werden können.

IPC 1-7  
**B05B 17/06**; **B01F 3/04**; **F41H 9/06**

IPC 8 full level  
**A63J 5/02** (2006.01); **B01F 3/04** (2006.01); **B05B 17/06** (2006.01); **F41H 9/06** (2006.01)

CPC (source: EP)  
**A63J 5/025** (2013.01); **B01F 23/21** (2022.01); **B05B 17/0615** (2013.01); **F41H 9/06** (2013.01)

Citation (search report)  
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