

Title (en)  
FOG GENERATOR

Publication  
**EP 0158038 B1 19880601 (DE)**

Application  
**EP 85101515 A 19850213**

Priority  
• DE 3441002 A 19841109  
• DE 8404591 U 19840216

Abstract (en)  
[origin: EP0158038A1] 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.

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)

Cited by  
FR2773229A1; DE3718318A1; DE202004007924U1; EP3181242A1; US2018221785A1; EA035243B1; EP0860211A1; DE19706698A1; US6127429A; AT519865B1; AT519865A4; WO9600132A3; WO2013050734A1; WO2017020057A1; JP2006036343A; WO2006006004A1; WO2008132112A1; WO2022245615A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0158038 A1 19851016**; **EP 0158038 B1 19880601**; DE 3562990 D1 19880707; ES 540481 A0 19870301; ES 8703822 A1 19870301

DOCDB simple family (application)  
**EP 85101515 A 19850213**; DE 3562990 T 19850213; ES 540481 A 19850215