

Title (en)  
MIST GENERATING HEAD

Title (de)  
NEBELGENERATORKOPF

Title (fr)  
TETE DE GENERATEUR DE BROUILLARD

Publication  
**EP 1054738 A1 20001129 (DE)**

Application  
**EP 98966831 A 19981217**

Priority  
• DE 19806254 A 19980216  
• EP 9808311 W 19981217

Abstract (en)  
[origin: DE19806254A1] The invention relates to a mist generating head (34) comprising an injection unit (70) of the type used in diesel engines. Said head atomizes the liquid to be nebulized at a high frequency. The stream of liquid droplets emitted by the injection unit (70) is surrounded and broken up further by a gas nozzle (102) which encloses the outlet opening of the injection unit and is positioned slightly downstream of same.

IPC 1-7  
**B05B 7/04**; **B05B 7/08**; **B05B 7/12**; **B05B 12/06**; **B05B 13/02**

IPC 8 full level  
**B05B 7/04** (2006.01); **B05B 7/08** (2006.01); **B05B 7/12** (2006.01); **B05B 12/06** (2006.01); **B05B 13/02** (2006.01); **B05B 16/00** (2018.01); **B05B 15/12** (2006.01)

CPC (source: EP US)  
**B05B 7/0466** (2013.01 - EP US); **B05B 7/0815** (2013.01 - EP US); **B05B 7/12** (2013.01 - EP US); **B05B 13/0207** (2013.01 - EP US); **B05B 16/95** (2018.01 - EP US); **B05B 12/06** (2013.01 - EP US)

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Designated contracting state (EPC)  
DE ES FR GB IT PT SE

DOCDB simple family (publication)  
**DE 19806254 A1 19990819**; DE 59809885 D1 20031113; EP 1054738 A1 20001129; EP 1054738 B1 20031008; US 6663020 B1 20031216; WO 9941016 A1 19990819

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