

Title (en)  
LIQUID VAPORISATION DEVICE

Title (de)  
VORRICHTUNG ZUR VERDAMPFUNG VON FLÜSSIGKEITEN

Title (fr)  
DISPOSITIF DE VAPORISATION D'UN LIQUIDE

Publication  
**EP 2191111 A2 20100602 (FR)**

Application  
**EP 08835944 A 20080903**

Priority  
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• FR 0757874 A 20070926

Abstract (en)  
[origin: WO2009044038A2] The invention relates to a liquid vaporisation device of the type that comprises a hollow body (21, 41) having a longitudinal axis (33, 46) and an inner wall that defines a liquid inlet chamber (32, 51), a plug (22, 44) attached to the hollow body and including a heating member (30, 45) giving into said chamber, means (23, 49) for supplying the fluid into said chamber in contact with said heating member, and a vaporised liquid outlet (2, 42). According to the invention the liquid supply means (23, 49) is attached to said hollow body (21, 41) and positioned substantially along said longitudinal axis (33, 46). The invention is particularly useful for the heat-regeneration of a particle filter located in the exhaust gas duct of an automobile.

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