

Title (en)  
PRE-VAPORIZING AND PRE-MIXING BURNER FOR LIQUID FUELS

Title (de)  
VORVERDAMPFENDER UND VORVERMISCHENDER BRENNER FÜR FLÜSSIGE BRENNSTOFFE

Title (fr)  
BRULEUR DE PREVAPORISATION ET DE PREMELANGE POUR COMBUSTIBLES LIQUIDES

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Application  
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Abstract (en)  
[origin: DE19637025A1] The invention concerns a pre-vaporizing and pre-mixing burner for liquid fuels which has a fuel feed line (56), a pump which pressurizes the fuel in the feed line, a mixing region (123) and a fuel valve (119) which opens out into the mixing region and by means of which the fuel is atomized and fed to the air for combustion (127). According to the invention, the fuel is vaporized in an optimum manner in that the fuel valve opens automatically as from a given fuel pressure, and a heating device (128) is associated with the fuel valve.

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