

Title (en)  
METHOD FOR VAPORIZING AND/OR SUPERHEATING A COMBUSTIBLE

Title (de)  
VERFAHREN ZUM VERDAMPFEN UND/ODER ÜBERHITZEN EINES BRENNSTOFFS

Title (fr)  
PROCEDE DE VAPORISATION ET/OU DE SURCHAUFFE D'UN COMBUSTIBLE

Publication  
**EP 1255692 A1 20021113 (DE)**

Application  
**EP 00991633 A 20001222**

Priority  
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Abstract (en)  
[origin: WO0155026A1] A method for vaporizing and/or superheating a combustible/water mixture, wherein the combustible is especially methanol, for supplying a gas generation system (2) belonging to a fuel cell installation (3). The waste-gas from the fuel cell and/or gas generation system is catalytically combusted together with a gas containing oxygen in order to produce the thermal energy required therefore. The combustible is added in a dosed manner to the volume flow from the gas containing oxygen and the waste gases of the fuel cell and/or gas generator system in the direction of flow prior to catalytic combustion.

IPC 1-7  
**C01B 3/32**; B01J 8/02; H01M 8/06; B01J 19/26; B01D 1/30

IPC 8 full level  
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