

Title (en)

COMBUSTION PROCESS AND FUEL RESERVOIR THEREFOR

Title (de)

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Title (fr)

PROCÉDÉ DE COMBUSTION ET SYSTÈME DE CHAUDIÈRE À COMBUSTIBLE CORRESPONDANT

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Application

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Abstract (en)

[origin: WO2007098735A2] The invention relates to a combustion process for a fuel reservoir comprising a waste gas channel and a combustion chamber, wherein liquid or gaseous fuel is injected and is guided parallel to the combustion air. The combustion air is guided under high pressure close to the injection point of the fuel. The invention also relates to a fuel reservoir arrangement for heating buildings or similar for liquid or gaseous fuels comprising a fuel reservoir (1, 1') comprising a combustion chamber (11) and a waste gas channel (12). An injection system (2) for the fuel, which comprises end spraying means (21) arranged in the combustion chamber (11) and a supply of combustion air is provided. A first pump agent (31) is provided for guiding pressurised air into the combustion chamber (11) and that at least one combustion air supply nozzle is arranged in the vicinity of the end spraying means (32) for the fuel.

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