

Title (en)

GAS COMBUSTION ARRANGEMENT USING CIRCULAR STREAM

Title (de)

EINEN KREISSTROM VERWENDENDE GASVERBRENNUNGSANORDNUNG

Title (fr)

SYTEME A COMBUSTION GAZEUSE UTILISANT UN FLUX CIRCULAIRE

Publication

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Application

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Abstract (en)

[origin: WO2007004835A1] Disclosed is a gas combustion arrangement using a circular stream, which is capable of fully burning gas discharged from waste incinerated (by flame -broiling, high-temperature, thermal decomposition, etc.) in an incinerator provided at a front stage of the gas combustion arrangement by passing the discharged gas through a coil-shaped circular combustion pipe heated at a predetermined temperature. The present invention provides a gas combustion arrangement using a circular stream, which is capable of maximizing a combustion efficiency by prolonging stay of discharged gas, which is introduced through a coil-shaped combustion pipe, inside the gas combustion arrangement as the discharged gas is burned, forming a circular stream, inside and outside the coil-shaped combustion pipe, and burning the discharged gas through direct contact with internal and external surfaces of the combustion pipe with high temperature.

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