

Title (en)

MULTI CHAMBER INCINERATOR FOR TURBULENT COMBUSTION OF SOLID AND BIOMASS FUEL

Title (de)

MEHRKAMMER-VERBRENNUNGSANLAGE ZUR TURBULENTEN VERBRENNUNG VON FESTSTOFF- UND BIOMASSEBRENNSTOFFEN

Title (fr)

INCINÉRATEUR MULTI-CHAMBRES POUR LA COMBUSTION TURBULENTE DE COMBUSTIBLE SOLIDE ET DE BIOMASSE

Publication

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Application

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Abstract (en)

[origin: WO2018067078A1] The present invention relates to a multi chamber incinerator for turbulent two-stage combustion of fuel, such as coal or biomass fuel, with increased efficiency and low emission. The present invention more particularly relates to a turbulent combustion incinerator (10) comprising of a main combustion chamber (11) and a secondary combustion chamber (12) being separated by a heat collecting dome (22a) for turbulent combustion of fuel. The secondary combustion chamber comprises a first division (12a) and a second division (12b), which are separated by a further heat collecting dome (22b).

IPC 8 full level

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