Title (en)
METHOD FOR OPERATING A COMBUSTION SYSTEM AND COMBUSTION SYSTEM

Title (de)
VERFAHREN ZUM BETREIBEN EINER VERBRENNUNGSANLAGE UND VERBRENNUNGSANLAGE

Title (fr)
PROCÉDÉ POUR FAIRE FONCTIONNER UN INCINÉRATEUR ET INCINÉRATEUR

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Abstract (en)
[origin: WO2008138535A2] The invention relates to a method for operating a combustion system (1), a fuel (6) being burned in at least one combustion chamber (2) with a carrier gas (7) containing oxygen while releasing an exhaust gas flow (8), ambient air (10) being separated into a product gas (12) enriched with oxygen and an exhaust air (13) enriched with nitrogen, a gas flow (9) being separated from the exhaust gas flow (8) and recirculated into the combustion chamber (2), the recirculated gas flow (9) being mixed with a product gas flow (12a) of the product gas (12) into the carrier gas (7), and the carrier gas (7) and the fuel (6) being fed into the combustion chamber (2) separately. According to the invention, the argon concentration in the recirculated gas flow (9) and/or in the carrier gas (7) is measured.

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