

Title (en)
Heating appliance

Title (de)
Heizvorrichtung

Title (fr)
Appareil de chauffage

Publication
EP 0708298 B1 20030108 (DE)

Application
EP 95115811 A 19951006

Priority
DE 4435748 A 19941006

Abstract (en)
[origin: EP0708298A2] The process includes an afterburning of the flue gas which is fed into an afterburning chamber with admixture of a secondary air. The primary flue discharge (14) takes place from a deep point of the combustion chamber. Flue gases are added to the primary flue gas from a higher secondary flue discharge (15) during its flow into the afterburning chamber (13) via a first flue gas return duct (11). Pref. the admixture of the flue gases (4) of the first return duct and of the secondary air (5) into the primary flue gas is carried out by exhausting such that the primary flue gas passes through a nozzle system, prior to reaching the afterburning chamber.

IPC 1-7
F24B 5/02

IPC 8 full level
F23L 9/04 (2006.01); **F23L 11/00** (2006.01); **F23M 3/00** (2006.01); **F23M 5/00** (2006.01); **F23M 9/00** (2006.01); **F23M 11/02** (2006.01); **F23N 3/00** (2006.01); **F24B 1/02** (2006.01); **F24B 5/02** (2006.01)

CPC (source: EP)
F23B 5/04 (2013.01); **F23L 9/04** (2013.01); **F23L 11/00** (2013.01); **F23M 11/02** (2013.01); **F24B 1/026** (2013.01); **F24B 5/026** (2013.01)

Citation (examination)
US 2965052 A 19601220

Cited by
US2016047551A1; DE29720007U1; US2014196637A1; US10197286B2; JP2017166726A; DE202009016163U1; GB2356927A; GB2356927B; CN102705836A; EP2979029A4; AU2014244632B2; US10247422B2; WO9915833A1; WO2014158032A1

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