

Title (en)

Method for reducing fuel deposits on a heat exchanger

Title (de)

Verfahren zur Reduzierung von Brennstoffablagerungen an einem Wärmetauscher

Title (fr)

Procédé de réduction de dépôts de combustible sur un échangeur thermique

Publication

**EP 2530421 B1 20170920 (DE)**

Application

**EP 12169030 A 20120523**

Priority

DE 102011102811 A 20110530

Abstract (en)

[origin: EP2530421A2] The method involves providing an activatable separating agent (30) i.e. air flow (L), for separating a flue gas flow (R) from a heat exchanger (10). The agent is served as combustion air for combustion. A flame is formed around the heat exchanger. The air flow is preheated by a preheating device (50). The agent is activated when the flue gas flow includes an increased number of particles (P) so that the flue gas flow partially not passes into the heat exchanger. The agent is deactivated when the flue gas flow with a less number of the particles is conducted through a flow channel (11).

IPC 8 full level

**F28F 19/00** (2006.01); **F28D 21/00** (2006.01); **F28F 27/00** (2006.01)

CPC (source: EP)

**F28D 21/001** (2013.01); **F28F 19/00** (2013.01); **F28F 27/00** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2530421 A2 20121205**; **EP 2530421 A3 20140326**; **EP 2530421 B1 20170920**; DE 102011102811 A1 20121206

DOCDB simple family (application)

**EP 12169030 A 20120523**; DE 102011102811 A 20110530