

Title (en)

Method for reducing the polluting potential of waste gases and residues of combustion installations

Title (de)

Verfahren zur Reduzierung des Schadstoffpotentials in Abgasen und Rückständen von Verbrennungsanlagen

Title (fr)

Procédé de réduction du potentiel de pollution des gaz d'échappement et des résidus d'installations de combustion

Publication

EP 2216598 A3 20140528 (DE)

Application

EP 10001074 A 20100203

Priority

DE 102009007783 A 20090206

Abstract (en)

[origin: EP2216598A2] The method involves guiding a main fuel flow (10) and an additional fuel flow (7) for combustion in a combustion chamber (3). A fuel mixture with constant load is formed at a toxic raw material e.g. chlorine compound, and chlorine content is formed in exhaust gas during combustion. Adjustment of chlorine content is performed by control of supply of the additional fuel flow, based on chlorine content measurement by a sensor (12) in the exhaust gas. The additional fuel flow is supplied in the form of refuse.

IPC 8 full level

F23K 1/00 (2006.01); **F23N 5/00** (2006.01)

CPC (source: EP)

F23K 1/00 (2013.01); **F23N 5/003** (2013.01); **F23J 2215/30** (2013.01); **F23J 2215/301** (2013.01); **F23K 2201/501** (2013.01)

Citation (search report)

- [X] EP 1914475 A2 20080423 - FORTUM OYJ [FI]
- [AD] DE 19953418 A1 20010517 - GSF FORSCHUNGSZENTRUM UMWELT [DE]
- [A] US 6325001 B1 20011204 - SHELDON RAY W [US]

Designated contracting state (EPC)

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 SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2216598 A2 20100811; EP 2216598 A3 20140528; DE 102009007783 B3 20100826

DOCDB simple family (application)

EP 10001074 A 20100203; DE 102009007783 A 20090206