

Title (en)

Domestic firing device with continuous fuel burning and method for its operation

Title (de)

Hausfeuerungsanlage mit kontinuierlicher Feststoffverbrennung und Verfahren zu deren Betrieb

Title (fr)

Installation de combustion ménagère dotée d'une combustion de matière solide continue et son procédé de fonctionnement

Publication

EP 2246624 B1 20160420 (DE)

Application

EP 10161404 A 20100429

Priority

DE 102009019118 A 20090429

Abstract (en)

[origin: EP2246624A2] The system has a metering unit for metering solid or fragmented fuels into a combustion chamber, and a temperature sensor for detecting combustion temperature. A primary air supply device is constantly operated, and a secondary air supply device is operated based on the combustion temperature and remaining oxygen content during an ignition phase. The primary air supply device is controlled based on dosage of the fuel, and the secondary air supply device is controlled based on the oxygen content during a starting-up phase.

IPC 8 full level

F23N 3/00 (2006.01); **F23B 90/02** (2011.01); **F23B 90/04** (2011.01); **F23N 5/00** (2006.01)

CPC (source: EP)

F23B 90/02 (2013.01); **F23B 90/04** (2013.01); **F23N 3/002** (2013.01); **F23N 5/006** (2013.01)

Cited by

DE102013207720B4; EP3214370A1; CN109084324A; DE102013207720A1; EP2796787A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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