

Title (en)
Method for cleaning exhaust gases through regenerative postcombustion

Title (de)
Verfahren zur Reinigung von Abgasen durch generative Nachverbrennung

Title (fr)
Procédé de traitement des gaz d'échappement par postcombustion régénérative

Publication
EP 2175197 B1 20160413 (DE)

Application
EP 09170299 A 20090915

Priority
DE 102008037418 A 20081007

Abstract (en)
[origin: EP2175197A2] The method involves supplying exhaust gases to be cleaned, and balancing pressure and quantity fluctuations in the exhaust gases. A gas flow of exhaust gases is mixed with another gas flow of natural gas in such a manner that the added quantity of natural gas is dependent of the content of the inflammable components in the exhaust gases and is sufficient to ensure a stable burn. The mixed gas flows and a third gas flow of combustion air are introduced into a burner (6) of a combustion chamber (7). An independent claim is included for a device for the execution of the method.

IPC 8 full level
F23G 7/06 (2006.01); **F23G 5/50** (2006.01); **F23G 7/07** (2006.01)

CPC (source: EP)
F23G 5/50 (2013.01); **F23G 7/065** (2013.01); **F23G 7/07** (2013.01); **F23G 2202/60** (2013.01); **F23G 2207/101** (2013.01); **F23G 2207/30** (2013.01); **F23G 2207/60** (2013.01)

Cited by
CN115614762A; CN110068019A

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

DOCDB simple family (publication)
DE 102008037418 B3 20100218; EP 2175197 A2 20100414; EP 2175197 A3 20140326; EP 2175197 B1 20160413

DOCDB simple family (application)
DE 102008037418 A 20081007; EP 09170299 A 20090915