

Title (en)

LOW TEMPERATURE HEATER FOR EXHAUSTED GAS PURIFICATION PROCESSING OF DIESEL ENGINE

Title (de)

NIEDRIGTEMPERATURHEIZER ZUR ABGASREINIGUNG UND -BEHANDLUNG EINES DIESELMOTORS

Title (fr)

CHAUFFAGE À BASSE TEMPÉRATURE POUR UN TRAITEMENT DE PURIFICATION DE GAZ D'ÉCHAPPEMENT DE MOTEUR DIESEL

Publication

EP 3517747 A1 20190731 (EN)

Application

EP 19151696 A 20190114

Priority

CN 201810082505 A 20180129

Abstract (en)

A low temperature heater for exhausted gas purification processing of a diesel engine is provided. The low temperature heater includes: a tubular combustion chamber including an open end and a closed end; and an intake pipe, where the intake pipe is arranged close to the closed end of the tubular combustion chamber, the intake pipe includes two outlets, a first outlet is inserted into the combustion chamber and an ignition portion, in an eccentric manner, the ignition portion is arranged on a housing of the tubular combustion chamber via a tubular mount seat, the ignition portion is arranged between the first outlet and the closed end, and the mount seat is in communication with a second outlet of the intake pipe.

IPC 8 full level

F01N 3/025 (2006.01); **F01N 3/30** (2006.01)

CPC (source: EP)

F01N 3/0256 (2013.01); **F01N 3/30** (2013.01); **F01N 2240/14** (2013.01); **F01N 2240/20** (2013.01)

Citation (applicant)

- CN 201310019585 A 20130118
- CN 200780021783 A 20070509

Citation (search report)

- [E] EP 3444456 A1 20190220 - GUIZHOU HUANGDI DIESEL ENGINE CLEANER CO LTD [CN]
- [A] WO 2007037652 A1 20070405 - KOREA ENERGY RESEARCH INST [KR], et al
- [A] US 9027331 B2 20150512 - OLIVIER KEITH G [US]

Cited by

CN110894802A

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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