

Title (en)

AN EXHAUST GAS HEATING AND ENERGY RECOVERY SYSTEM

Title (de)

ABGASHEIZUNGS- UND ENERGIERÜCKGEWINNUNGSSYSTEM

Title (fr)

SYSTÈME DE CHAUFFAGE DE GAZ D'ÉCHAPPEMENT ET DE RÉCUPÉRATION D'ÉNERGIE

Publication

**EP 3218590 A1 20170920 (EN)**

Application

**EP 15820912 A 20151113**

Priority

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- TR 2015050174 W 20151113

Abstract (en)

[origin: WO2016076814A1] The present invention relates to an exhaust gas heating and energy recovery system (1); which enables to enhance emission cycle performance by heating the exhaust gas by using an energy generator and a heater and extra energy generation by braking energy regeneration, and which also enables use of recycling of this generated energy; and which comprises at least one heater (4) which is positioned before the catalysts (E) and which enables to increase current temperatures of the gases that are formed as a result of the combustion in the engine (2) and that move towards the exhaust by consuming the energy generated in the energy generator (3).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2016076814A1

Citation (examination)

US 2004231330 A1 20041125 - IBARAKI SHIGERU [JP], et al

Designated contracting state (EPC)

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