

Title (en)
EXHAUST-GAS TREATMENT APPARATUS

Title (de)
ABGASBEHANDLUNGSVORRICHTUNG

Title (fr)
APPAREIL DE TRAITEMENT DE GAZ D'ÉCHAPPEMENT

Publication
EP 3832080 B1 20220914 (EN)

Application
EP 19844057 A 20190709

Priority
• JP 2018144757 A 20180801
• JP 2019027184 W 20190709

Abstract (en)
[origin: EP3832080A1] An exhaust gas treatment device includes: a filter that collects particulate matter included in exhaust gas flowing through an exhaust passage of an engine mounted on a vehicle; a temperature increasing unit that increases a temperature of the exhaust gas flowing into the filter; and a controller that performs regeneration control for burning the particulate matter accumulated in the filter by the exhaust gas having the temperature increased by the temperature increasing unit. The controller performs control for decreasing an outlet temperature of the exhaust passage (S115 to S118), when the outlet temperature exceeds a determination value as a result of performance of the regeneration control while the vehicle is in a stop state. It is possible to suppress heating of a neighboring object caused by heat for regeneration of a filter, without increasing the manufacturing cost.

IPC 8 full level
F01N 3/025 (2006.01); **F01N 3/023** (2006.01); **F01N 3/10** (2006.01); **F01N 9/00** (2006.01)

CPC (source: EP)
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