

Title (en)

PROCESS AND DEVICE FOR TREATING EXHAUST FUMES FROM AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AUFBEREITUNG EINES ABGASES EINER VERBRENNUNGSKRAFTMASCHINE

Title (fr)

PROCEDE ET DISPOSITIF POUR TRAITER DES GAZ D'ECHAPPEMENT DE MOTEUR A COMBUSTION INTERNE

Publication

**EP 1917423 B1 20101208 (DE)**

Application

**EP 06776792 A 20060811**

Priority

- EP 2006007975 W 20060811
- DE 102005038707 A 20050815

Abstract (en)

[origin: WO2007020025A1] The claimed process for treating exhaust fumes (6) from an internal combustion engine (19) in at least two modules (3, 4, 5, 17) is designed in such a way that an exhaust fume stream can be at least in part deflected depending on a load state of the internal combustion engine (19) in such a way that at least parts of the exhaust fumes (6) flow through one or more modules (3, 4, 5, 17). The claimed process and the claimed device (1) make it possible to design and operate in an advantageous manner even the exhaust fume system of large-volume internal combustion engines (19), conversion and treatment of the exhaust fumes (6) being carried out in individual modules (5, 3, 4, 17) even in no-load operation, basically at very low exhaust fume mass flow rates. The individual modules (3, 4, 5, 17) can be adapted to various load levels of the internal combustion engine (19).

IPC 8 full level

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CPC (source: EP KR US)

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Citation (examination)

- US 4725411 A 19880216 - CORNELISON RICHARD C [US]
- US 4386497 A 19830607 - TAKAGI SHIGERU [JP], et al

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