

Title (en)

Exhaust system for a combustion engine with a catalytic converter

Title (de)

Abgasanlage für Verbrennungsmotoren, mit einem katalytischen Abgaskonverter

Title (fr)

Dispositif d'échappement pour un moteur à combustion comportant un convertisseur catalytique

Publication

EP 1342889 B1 20050907 (DE)

Application

EP 02026118 A 20021123

Priority

DE 10201042 A 20020114

Abstract (en)

[origin: EP1342889A1] An exhaust gas device comprises a catalytic exhaust gas converter with a housing (24), a catalyst body (60) held in the housing, and a feed pipe. A torsion producer is arranged in the feed pipe to expose a central flow path. The catalyst body has an inner region (64) and an outer region (66). The cell density of the flow channels in the inner region is more than in the outer region. Preferred Features: The inner region has the larger catalyst activity than the outer region. At least 40%, preferably 80% of the exhaust gas stream flows through the inner region of the catalyst body.

IPC 1-7

F01N 3/28

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

US 5043311 A 19910827 - ENGLER BERND [DE], et al

Cited by

DE112014001824B4; CN104994951A; AT502545B1; CN104936694A; CN109012172A; FR3104037A1; CN105073227A; EP1982756A1; US9782753B2; US7566426B2; US10071365B2; WO2014162183A1; WO2007033389A1; US9782723B2

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