

Title (en)

CATALYTIC EXHAUST GAS PURIFICATION APPARATUS FOR AN INTERNAL-COMBUSTION ENGINE

Publication

**EP 0077711 B1 19860507 (FR)**

Application

**EP 82401844 A 19821007**

Priority

FR 8119373 A 19811013

Abstract (en)

[origin: US4457895A] An elongate catalytic muffler of the radial flow type for purifying the exhaust gases of an internal combustion engine, comprises a tubular casing having a gas inlet at one end and a gas outlet at the other end. Two co-axial substantially parallel frustra-conical grids of decreasing cross-section from the inlet end to the outlet end of the muffler define, with cup-like end walls, a catalyst chamber compression means is provided for axially displacing one of said end walls towards the other, so as to compress the catalyst mass in said chamber, and with said compression means being protected by tight separating means from the action of the exhaust gases treated in the muffler.

IPC 1-7

**F01N 3/28**

IPC 8 full level

**F01N 3/24** (2006.01); **F01N 3/28** (2006.01)

CPC (source: EP KR US)

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Cited by

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Designated contracting state (EPC)

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**EP 0077711 A1 19830427**; **EP 0077711 B1 19860507**; AT E19675 T1 19860515; AU 564771 B2 19870827; AU 8927782 A 19830421; DE 3271029 D1 19860612; FR 2514413 A1 19830415; FR 2514413 B1 19851129; JP H0512526 B2 19930218; JP S58197414 A 19831117; KR 840002069 A 19840611; KR 890001728 B1 19890519; US 4457895 A 19840703

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