

Title (en)
CATALYTIC CONVERTER

Title (de)
KATALYTISCHER KONVERTER

Title (fr)
CONVERTISSEUR CATALYTIQUE

Publication
EP 0631647 B1 19971229 (EN)

Application
EP 92914723 A 19920317

Priority
• CA 2132294 A 19920317
• US 9202180 W 19920317

Abstract (en)
[origin: WO9319289A1] An auxiliary catalytic converter (11) for treating exhaust gas pollutants from an internal combustion engine during warm-up comprises a housing (13) which defines an exhaust gas receiving chamber (15), an exhaust gas inlet (17) in one end of the housing and an exhaust gas outlet (19) at the other end of the housing, a hollow catalyst structure (23) having discrete channels or pores secured in the chamber spaced from the walls of the housing and aligned axially providing a passage (25) between the outer surface of the catalyst structure and the wall and an axial channel (27) in communication with the gas inlet and gas outlet, and valve means (41) adapted to be opened and closed in response to a predetermined condition, the valve means when in a closed position restraining exhaust gas flow in the axial channel causing the gas to flow radially through the catalyst structure into the passage and when in an open position permitting essentially unimpeded flow of gas from the gas inlet through the axial channel to the gas outlet.

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F01N 3/20

IPC 8 full level
F01N 3/28 (2006.01); **F01N 3/20** (2006.01)

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F01N 3/2053 (2013.01); **F01N 2330/06** (2013.01); **F01N 2330/10** (2013.01); **F01N 2450/24** (2013.01); **F01N 2450/30** (2013.01)

Cited by
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WO 9319289 A1 19930930; AT E161612 T1 19980115; AU 2264392 A 19931021; BR 9207106 A 19951205; CA 2132294 A1 19930930; CZ 227694 A3 19950614; DE 69223807 D1 19980205; DE 69223807 T2 19980723; EP 0631647 A1 19950104; EP 0631647 B1 19971229; ES 2110506 T3 19980216; FI 944313 A0 19940916; FI 944313 A 19940916; JP H07504731 A 19950525; RU 94044335 A 19960820

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