

Title (en)

In particular catalytic exhaust system for the exhaust gases of an internal combustion engine.

Title (de)

Auspufftopf, insbesondere katalytischer für die Abgase eines Verbrennungsmotors.

Title (fr)

Pot d'échappement, notamment catalytique, pour les gaz brûlés de moteurs à combustion interne.

Publication

**EP 0434539 A1 19910626 (FR)**

Application

**EP 90403633 A 19901218**

Priority

FR 8917095 A 19891222

Abstract (en)

Exhaust system, enclosing at least one metal cellular structure, possibly carrying a catalytic coating, formed by the superimposition of strips (11, 11a; 12, 12a) having surfaces with different reliefs creating between them networks of tubular channels for the circulation of gases having physical repetitive fluidic deviations generating turbulence. <IMAGE>

Abstract (fr)

Pot, renfermant au moins une structure alvéolaire métallique, portant éventuellement un revêtement catalytique, formé par superposition de feuillards (11, 11a; 12, 12a) à surfaces de reliefs différents créant entre eux des réseaux de canaux tubulaires de circulation des gaz présentant des déviations répétitives matérielles et fluidiques génératrices de turbulences. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] EP 0136515 A2 19850410 - INTERATOM [DE]
- [A] GB 2001547 A 19790207 - SUEDEDEUTSCHE KUEHLER BEHR
- [A] DE 8816137 U1 19890406
- [A] GB 2079174 A 19820120 - GEN MOTORS CORP
- [A] GB 1491199 A 19771109 - ATOMIC ENERGY AUTHORITY UK
- [A] EP 0245737 B1 19890823
- [A] EP 0117602 A2 19840905 - GEN MOTORS CORP [US]
- [A] EP 0289817 A1 19881109 - THYSEN EDELSTAHLWERKE AG [DE]
- [A] GB 2174615 A 19861112 - SUEDEDEUTSCHE KUEHLER BEHR

Cited by

GB2589890A; CN1317491C; JP2000093775A; EP0988886A3; EP2010764A4; CN102414410A; KR101308274B1; US8070847B2; US7101602B2; WO02090734A1; WO0163104A1; US6311484B1; US6446430B1; US7976304B2; US8288010B2; WO2004020902A1; WO9727385A1; WO2010122003A1

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