

Title (en)

Engine exhaust silencer.

Title (de)

Abgasschalldämpfer für einen Motor.

Title (fr)

Silencieux d'échappement pour moteur.

Publication

EP 0020823 A1 19810107 (EN)

Application

EP 79301033 A 19790601

Priority

- EP 79301033 A 19790601
- IE 36679 A 19790410

Abstract (en)

In an engine exhaust silencer the gases are first led along an elongate annular passage, defined between two chambers mounted one within another, and are then funnelled into and along an elongate exhaust tube whose longitudinal wall is perforated and is surrounded by one or more noise attenuating chambers. The outer wall of the annular passage converges towards, but ends just short of, the elongate exhaust tube, and the gap between the two is surrounded by and opens into an expansion chamber which joins and seals the annular passage exit to the exhaust tube inlet.

IPC 1-7

F01N 1/10; **F01N 1/24**

IPC 8 full level

F01N 1/08 (2006.01); **F01N 1/10** (2006.01); **F01N 1/24** (2006.01)

CPC (source: EP)

F01N 1/085 (2013.01); **F01N 1/10** (2013.01); **F01N 1/24** (2013.01)

Citation (search report)

- GB 2017211 A 19791003 - GLYNWED SCREWS & FASTENINGS LT
- US 3863733 A 19750204 - RAUDMAN JR CHARLES J, et al
- US 3989121 A 19761102 - BERGSON ARNOLD A, et al
- DE 1816848 A1 19700702 - LIONEL FOTHERGILL DEVELOPMENTS
- FR 822559 A 19380104
- GB 507213 A 19390609 - JOSEPH GEORGE BLANCHARD
- DE 685996 C 19391230 - WOLFGANG ZOELLER DIPL ING
- FR 700164 A 19310225
- GB 1219404 A 19710113 - HENDRY BROTHERS LONDON LTD [GB], et al
- FR 1226438 A 19600711

Cited by

FR2854427A1; GB2302707B; EP4053393A1; WO9505565A1; WO9418438A1

Designated contracting state (EPC)

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