

Title (en)

Exhaust silencer.

Title (de)

Abgasschalldämpfer.

Title (fr)

Silencieux pour gaz d'échappement.

Publication

**EP 0340326 A1 19891108 (EN)**

Application

**EP 88107200 A 19880505**

Priority

- AU 8084987 A 19871105
- AU PH883786 A 19861106

Abstract (en)

An exhaust silencer suitable for an internal combustion engine. The silencer comprises an outer cylinder, (1) a concentric inner cylinder (2) and an annulus (3) therebetween. The outer cylinder communicates with an inlet pipe (7) at one end of the silencer and the inner cylinder communicates with an outlet pipe (8) at the opposite end. The inner cylinder is provided with a plurality of tubes (11) which extend diametrically across the inner cylinder and they are open at each end so that they communicate with the annulus (3). Each tube is provided intermediate its length with an opening (12) and each tube forms part of a pair of passage ways of equal length arranged to direct the gases from the inlet (7) to a meeting place at the intermediate openings of the tube (11) where the gases from each of the pair of passageways are directed at one another. The gases then pass to the end of the inner cylinder (2) to the outlet (8).

IPC 1-7

**F01N 1/08**

IPC 8 full level

**F01N 1/08** (2006.01)

CPC (source: EP)

**F01N 1/08** (2013.01); **F01N 2470/00** (2013.01); **F01N 2470/08** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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