

Title (en)
Exhaust system for motor vehicles

Title (de)
Auspuffanlage für Kraftfahrzeuge

Title (fr)
Pot d'échappement de véhicule automobile

Publication
EP 0780552 B1 20010912 (FR)

Application
EP 96402533 A 19961126

Priority
FR 9515087 A 19951220

Abstract (en)
[origin: EP0780552A1] A vehicle engine exhaust silencer comprises outer and inner tubular shells (1,2), the inner shell (2) enclosing an assembly of perforated tubes (4) and transverse baffles (5) forming a chicane. The assembly (4,5) and possibly also the inner shell (2) are made of enamelled steel sheet, the steel containing by weight in thousandths of percent 0-100 carbon, 0-500 manganese, 0-30 phosphorus, 0-40 sulphur, 0-60 aluminium, 0-200 titanium, 0-6- copper, and 0-15 nitrogen and the remainder of iron and residual impurities. The steel is hot-rolled to form a strip with a final rolling temperature above point Ar3, wound into a roll at above 600 (preferably above 750 or 700) degrees C and thereafter cold-rolled and annealed prior to enamelling.

IPC 1-7
F01N 7/16; **C22C 38/00**; **C21D 8/02**

IPC 8 full level
F01N 1/08 (2006.01); **C21D 8/02** (2006.01); **C22C 38/00** (2006.01); **F01N 13/16** (2010.01)

CPC (source: EP KR US)
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