

Title (en)
EXHAUST PIPE FOR A CATALYTIC EXHAUST DEVICE

Title (de)
AUSPUFFROHR FÜR KATALYTISCHE AUSPUFFVORRICHTUNG

Title (fr)
TUBULURE D'ECHAPPEMENT POUR DISPOSITIF D'ECHAPPEMENT A CATALYSE

Publication
EP 0706608 B1 19981202 (FR)

Application
EP 95918048 A 19950424

Priority
• FR 9500534 W 19950424
• FR 9405079 A 19940427

Abstract (en)
[origin: US5697215A] PCT No. PCT/FR95/00534 Sec. 371 Date Dec. 1, 1995 Sec. 102(e) Date Dec. 1, 1995 PCT Filed Apr. 24, 1995 PCT Pub. No. WO95/29327 PCT Pub. Date Nov. 2, 1995The invention relates especially to an exhaust piping for a catalytic gas exhaust system including a gas manifold and a catalyzer, said piping (4) being situated between said manifold and said catalyzer and provided with a composite tube (8) which consists of an internal tube and of an external tube defining between them a substantially annular space. Advantageously, said composite tube (8) is housed inside said exhaust piping (4), the external tube coming substantially into contact with said piping, and said internal tube (10) and external tube (11) exhibit thin walls (10A, 11A), the thickness of which is less than 0.3 millimeter.

IPC 1-7
F01N 7/14; F01N 7/08

IPC 8 full level
F01N 7/08 (2006.01); **F01N 7/14** (2006.01); **F01N 7/16** (2006.01); **F01N 13/08** (2010.01); **F01N 13/14** (2010.01); **F01N 13/16** (2010.01)

CPC (source: EP US)
F01N 13/08 (2013.01 - EP US); **F01N 13/14** (2013.01 - EP US); **F01N 13/141** (2013.01 - EP US); **F01N 13/16** (2013.01 - EP US);
F01N 2310/02 (2013.01 - EP US)

Designated contracting state (EPC)
BE DE ES GB IT SE

DOCDB simple family (publication)
US 5697215 A 19971216; CA 2163623 A1 19951102; DE 69506359 D1 19990114; DE 69506359 T2 19990429; EP 0706608 A1 19960417; EP 0706608 B1 19981202; ES 2126894 T3 19990401; FR 2719338 A1 19951103; FR 2719338 B1 19960628; JP H09504072 A 19970422; WO 9529327 A1 19951102

DOCDB simple family (application)
US 54976895 A 19951201; CA 2163623 A 19950424; DE 69506359 T 19950424; EP 95918048 A 19950424; ES 95918048 T 19950424; FR 9405079 A 19940427; FR 9500534 W 19950424; JP 52740995 A 19950424