

Title (en)

Gas flow system especially exhaust gas conduit system for a vehicle internal combustion engine

Title (de)

Gasleitungssystem, insbesondere Abgasleitungssystem für eine Fahrzeug-Brennkraftmaschine

Title (fr)

Système de conduits de gaz en particulier système de conduits de gaz d'échappement pour un moteur automobile à combustion interne

Publication

EP 1022445 B1 20021120 (DE)

Application

EP 99124827 A 19991214

Priority

DE 19902310 A 19990121

Abstract (en)

[origin: EP1022445A1] The exhaust gas system has two gas lines (1, 2) fitted successively in the gas flow direction (3). The one closer to the engine has an end region which maintains a gap (4) between it and the larger-diameter end region of the second gas line where it projects into it. This acts as a diffuser diaphragm with flow cross section continuously increasing in the gas flow direction.

IPC 1-7

F01N 7/08

IPC 8 full level

F01N 13/08 (2010.01)

CPC (source: EP)

F01N 13/082 (2013.01)

Citation (examination)

US 3817030 A 19740618 - RENIUS O, et al

Cited by

DE102016106820A1; DE102016110982A1; DE102016213381A1; EP1911944A3; WO2018015358A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1022445 A1 20000726; EP 1022445 B1 20021120; AT E228205 T1 20021215; DE 19902310 A1 20000727; DE 59903460 D1 20030102

DOCDB simple family (application)

EP 99124827 A 19991214; AT 99124827 T 19991214; DE 19902310 A 19990121; DE 59903460 T 19991214