

Title (en)
EXHAUST SYSTEM, PARTICULARLY FOR TWO-CYCLE INTERNAL COMBUSTION ENGINES

Publication
EP 0401195 A3 19910306 (DE)

Application
EP 90890138 A 19900508

Priority
AT 133089 A 19890601

Abstract (en)
[origin: JPH0318611A] PURPOSE: To avoid gas dynamic reaction even in the case where a catalyst is arranged in the vicinity of an internal combustion engine by arranging a center wall covered by a catalyst extending in an exhaust flow direction between metallic thin plate shells. CONSTITUTION: A part 2 constituted as a diffuser which is bent and directly connected to an internal combustion engine, is composed of two connected metal thin plate shells 3. A center part 5 wherein a main catalyst 6 is arranged is connected to the part 2 of an exhaust system. A center wall 7 which extends in an exhaust flow direction and which is covered with the catalyst is arranged between both metallic thin plate shells 3. Since the center wall 7 as the catalyst not obstruct gas dynamic reaction, the catalyst can be arranged in the vicinity of the internal combustion engine 1.

IPC 1-7
F01N 3/28

IPC 8 full level
F01N 3/20 (2006.01); **F01N 3/24** (2006.01); **F01N 3/28** (2006.01); **F01N 7/02** (2006.01); **F01N 7/14** (2006.01); **F01N 13/02** (2010.01); **F01N 13/14** (2010.01); **F02B 75/02** (2006.01)

CPC (source: EP US)
F01N 3/28 (2013.01 - EP US); **F01N 3/2807** (2013.01 - EP US); **F01N 13/009** (2014.06 - EP US); **F01N 13/14** (2013.01 - EP US); **F01N 2510/06** (2013.01 - EP US); **F02B 2075/025** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)
CH DE ES FR GB IT LI SE

DOCDB simple family (publication)
EP 0401195 A2 19901205; EP 0401195 A3 19910306; EP 0401195 B1 19930331; AT 396170 B 19930625; AT A133089 A 19921015; DE 59001101 D1 19930506; ES 2040105 T3 19931001; JP H0318611 A 19910128; US 5014510 A 19910514

DOCDB simple family (application)
EP 90890138 A 19900508; AT 133089 A 19890601; DE 59001101 T 19900508; ES 90890138 T 19900508; JP 13864790 A 19900530; US 52023590 A 19900508