

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  
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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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