

Title (en)

Exhaust gas valve arrangement for an exhaust gas conduit of an engine

Title (de)

Abgasklappenanordnung für eine Abgasleitung einer Brennkraftmaschine

Title (fr)

Agencement d'une valve de gaz d'échappement pour un conduit de gaz d'échappement d'un moteur

Publication

**EP 0791734 B1 20010606 (DE)**

Application

**EP 97102833 A 19970221**

Priority

DE 19607219 A 19960226

Abstract (en)

[origin: EP0791734A2] The arrangement has a diffuser (10) in the exhaust pipe, and a pivoted elliptical exhaust valve flap (5). An inner wall (13) of the diffuser has cylindrical wall segments (15), which extend band-like along the circumference of the valve flap, and parallel to the longitudinal axis (12) of the diffuser. The pivot shaft (6) for the valve flap is located eccentrically to the longitudinal diffuser axis, or within a symmetrical axis of the valve flap. The cylindrical wall segments are of constant width, and their surfaces are finished by circular milling.

IPC 1-7

**F02D 9/04**; F02D 9/10; F02B 37/22

IPC 8 full level

**F02B 37/22** (2006.01); **F02D 9/04** (2006.01); **F02D 9/10** (2006.01)

CPC (source: EP)

**F02D 9/04** (2013.01); **F02D 9/104** (2013.01)

Cited by

WO02055914A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0791734 A2 19970827**; **EP 0791734 A3 19980401**; **EP 0791734 B1 20010606**; DE 19607219 A1 19970828; DE 59703705 D1 20010712

DOCDB simple family (application)

**EP 97102833 A 19970221**; DE 19607219 A 19960226; DE 59703705 T 19970221