

Title (en)

DEVICE FOR INFLUENCING AN EXHAUST GAS FLOW

Title (de)

VORRICHTUNG ZUR BEEINFLUSSUNG EINER ABGASSTRÖMUNG

Title (fr)

DISPOSITIF POUR INFLUENCER L'ÉCOULEMENT DE GAZ D'ÉCHAPPEMENT

Publication

EP 2024613 A1 20090218 (DE)

Application

EP 07724235 A 20070413

Priority

- EP 2007003296 W 20070413
- EP 06009061 A 20060502
- DE 102006034178 A 20060724
- EP 07724235 A 20070413

Abstract (en)

[origin: DE102006034176A1] Device for influencing an exhaust gas flow comprises a flap (28) and a section of a rotary shaft (30) lying next to the flap made from one piece. An independent claim is also included for a method for the production of the device. Preferred Features: The flap and the section of a rotary shaft lying next to the flap are made from a metal core surrounded by a ceramic. The flap and the section of a rotary shaft lying next to the flap have a hollow chamber structure.

IPC 8 full level

F01N 1/16 (2006.01); **F01N 1/18** (2006.01); **F01N 7/14** (2006.01); **F01N 13/08** (2010.01); **F01N 13/14** (2010.01); **F02D 9/04** (2006.01)

CPC (source: EP KR US)

F01N 1/16 (2013.01 - KR); **F01N 1/165** (2013.01 - EP US); **F01N 1/168** (2013.01 - EP US); **F01N 1/18** (2013.01 - EP KR US); **F01N 9/00** (2013.01 - KR); **F01N 13/14** (2013.01 - EP US); **F02D 9/04** (2013.01 - EP US); **F01N 9/00** (2013.01 - EP US); **F01N 13/16** (2013.01 - EP US); **F01N 2240/36** (2013.01 - EP US); **F01N 2260/02** (2013.01 - EP US); **F01N 2260/022** (2013.01 - EP US); **F01N 2260/024** (2013.01 - EP US); **F01N 2390/02** (2013.01 - EP US); **F01N 2560/08** (2013.01 - EP US); **F01N 2560/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2007124852A1

Designated contracting state (EPC)

DE FR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006034176 A1 20071108; CN 101484668 A 20090715; CN 101495723 A 20090729; DE 102006034177 A1 20071108; DE 102006034178 A1 20071108; DE 502007003865 D1 20100701; EP 2024613 A1 20090218; EP 2027370 A1 20090225; EP 2027370 B1 20100519; KR 20080113445 A 20081230; US 2009217668 A1 20090903; US 2010229543 A1 20100916; WO 2007124850 A1 20071108; WO 2007124852 A1 20071108

DOCDB simple family (application)

DE 102006034176 A 20060724; CN 200780024799 A 20070413; CN 200780024830 A 20070413; DE 102006034177 A 20060724; DE 102006034178 A 20060724; DE 502007003865 T 20070413; EP 07724233 A 20070413; EP 07724235 A 20070413; EP 2007003294 W 20070413; EP 2007003296 W 20070413; KR 20087028164 A 20081118; US 29912507 A 20070413; US 29913607 A 20070413