

Title (en)

Exhaust system for an internal combustion engine

Title (de)

Abgasanlage einer Brennkraftmaschine

Title (fr)

Dispositif d'échappement d'un moteur à combustion interne

Publication

EP 2287452 B1 20120919 (DE)

Application

EP 10005111 A 20100515

Priority

DE 102009032215 A 20090706

Abstract (en)

[origin: US2011000201A1] An exhaust system for an internal combustion engine having a first exhaust tract assigned to a first group of cylinders of the internal combustion engine, and a second exhaust tract assigned to a second group of cylinders of the internal combustion engine, the first exhaust tract and the second exhaust tract being coupled to one another by a connecting line. A common bypass line branches off from the connecting line coupling the exhaust tracts.

IPC 8 full level

F01N 1/16 (2006.01); **F01N 13/02** (2010.01); **F01N 13/04** (2010.01); **F02B 75/18** (2006.01)

CPC (source: EP US)

F01N 1/166 (2013.01 - EP US); **F01N 13/02** (2013.01 - EP US); **F01N 13/04** (2013.01 - EP US); **F02B 75/18** (2013.01 - EP US); **F01N 2410/00** (2013.01 - EP US)

Cited by

CN107429585A; EP3141720A1; US10605133B2; US10746065B2; WO2016206915A1; WO2014195062A1; WO2017041980A1; WO2014183978A1; US9945280B2; US10753264B2; US9605580B2; US9945276B2; TWI641756B

Designated contracting state (EPC)

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DOCDB simple family (publication)

US 2011000201 A1 20110106; US 8826651 B2 20140909; CN 101943046 A 20110112; CN 101943046 B 20150429; DE 102009032215 A1 20110127; EP 2287452 A1 20110223; EP 2287452 B1 20120919; RU 102229 U1 20110220

DOCDB simple family (application)

US 82948910 A 20100702; CN 201010225083 A 20100706; DE 102009032215 A 20090706; EP 10005111 A 20100515; RU 2010127863 U 20100705