

Title (en)

EXHAUST SYSTEM FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR OPERATING THE EXHAUST SYSTEM

Title (de)

ABGASANLAGE FÜR EINE BRENNKRAFTMASCHINE UND VERFAHREN ZUM BETREIBEN DER ABGASANLAGE

Title (fr)

SYSTÈME D'ÉCHAPPEMENT D'UN MOTEUR À COMBUSTION INTERNE ET PROCÉDÉ PERMETTANT DE FAIRE FONCTIONNER UN SYSTÈME D'ÉCHAPPEMENT

Publication

EP 2997240 A1 20160323 (DE)

Application

EP 14719766 A 20140428

Priority

- DE 102013208946 A 20130515
- EP 2014058543 W 20140428

Abstract (en)

[origin: WO2014183978A1] Exhaust system (1) for an internal combustion engine, having at least a first and a second cylinder, wherein the first cylinder is assigned a first exhaust gas manifold (2) and the second cylinder is assigned a second exhaust gas manifold (3), and wherein the first exhaust gas manifold (2) is assigned a first silencer (4), and the second exhaust gas manifold (3) is assigned a second silencer (5), characterised in that a first damping pipe (2') branches off from the first exhaust gas manifold (2) upstream of a first shut-off element (6), said damping pipe (2') firstly opening into a first reflection chamber (7) and being subsequently led through the first silencer (4) and opening into the second exhaust gas manifold (3) downstream of a second shut-off element (8), and wherein a second damping pipe (3') branches off from the second exhaust gas manifold (3) upstream of a second shut-off element (8), said second damping pipe (3') firstly opening into a second reflection chamber (9) and subsequently being led through the second silencer (5) and opening into the first exhaust gas manifold (2) downstream of the first shut-off element (6).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2014183978A1

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Designated extension state (EPC)

BA ME

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DE 102013208946 A1 20141120; CN 105121796 A 20151202; CN 105121796 B 20180515; EP 2997240 A1 20160323; EP 2997240 B1 20170607; US 2016053658 A1 20160225; US 2017198617 A1 20170713; US 9605580 B2 20170328; US 9945276 B2 20180417; WO 2014183978 A1 20141120

DOCDB simple family (application)

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