

Title (en)

Exhaust discharge system for internal combustion engine and gate valve for an exhaust discharge system

Title (de)

Abgasabführungssystem für eine Brennkraftmaschine sowie Absperrklappe für ein Abgasabführungssystem

Title (fr)

Système d'évacuation des gaz d'échappement d'un moteur à combustion interne et clapet d'obturation pour un système d'évacuation des gaz d'échappement

Publication

EP 1715162 A3 20071010 (DE)

Application

EP 06003308 A 20060217

Priority

DE 102005017863 A 20050419

Abstract (en)

[origin: EP1715162A2] The system has two exhaust gas line strands, where components such as catalyzer and turbocharger are arranged in the gas line strands. The components are switchably and detachably arranged over check valves. A pressure pipe (22) is connected downstream or upstream of the valves or directly at the check valves. The pressure pipe stops the exhaust gas leakage within the locked gas line strands by the leakage of the check valves.

IPC 8 full level

F02D 9/06 (2006.01); **F01N 3/20** (2006.01)

CPC (source: EP)

F01N 3/2053 (2013.01); **F01N 13/009** (2014.06); **F02D 9/06** (2013.01); **F02B 37/18** (2013.01)

Citation (search report)

- [XA] EP 0658691 A1 19950621 - TOYOTA MOTOR CO LTD [JP]
- [A] US 3116725 A 19640107 - HADLEY DAWSON N
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Cited by

DE102008009089A1; DE102007049171A1; DE102007049171B4; US8468804B2; WO2008025406A1; DE102008009089B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1715162 A2 20061025; **EP 1715162 A3 20071010**; **EP 1715162 B1 20111221**; AT E538295 T1 20120115; DE 102005017863 A1 20061102

DOCDB simple family (application)

EP 06003308 A 20060217; AT 06003308 T 20060217; DE 102005017863 A 20050419