

Title (en)  
GAS ENGINE SYSTEM

Title (de)  
GASMOTORSYSTEM

Title (fr)  
SYSTÈME DE MOTEUR À GAZ

Publication  
**EP 3527798 A4 20200318 (EN)**

Application  
**EP 17860241 A 20170929**

Priority  
• JP 2016201699 A 20161013  
• JP 2017035540 W 20170929

Abstract (en)  
[origin: EP3527798A1] A gas engine system includes: a gas engine; an exhaust pipe extending over a plurality of cylinders of the gas engine in a bridging manner; a turbocharger disposed at a position that is away in an axial direction of a crank shaft of the gas engine from one end portion of the exhaust pipe; a catalyst converter that incorporates therein a catalyst that oxidizes uncombusted fuel gas in exhaust gas discharged from the gas engine; and a power generator disposed opposite to the turbocharger, with the gas engine being positioned between the power generator and the turbocharger. The catalyst converter is interposed in a passage extending from an exhaust gas outlet of the exhaust pipe to an exhaust gas inlet of the turbocharger, and is disposed above the power generator.

IPC 8 full level  
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Citation (search report)  
• [IAY] EP 2527610 A1 20121128 - CATERPILLAR MOTOREN GMBH & CO [DE]  
• [Y] EP 2636863 A2 20130911 - MITSUBISHI MOTORS CORP [JP]  
• [Y] EP 2562374 A1 20130227 - TOYOTA MOTOR CO LTD [JP]  
• [A] DE 102006037649 A1 20080214 - FEV MOTORENTECH GMBH [DE]  
• See references of WO 2018070276A1

Designated contracting state (EPC)  
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**EP 3527798 A1 20190821**; **EP 3527798 A4 20200318**; **EP 3527798 B1 20210707**; JP 2018062899 A 20180419; JP 6719356 B2 20200708; WO 2018070276 A1 20180419

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