

Title (en)

EXHAUST GAS SYSTEM FOR A COMBUSTION ENGINE

Title (de)

ABGASFÜHRUNGSSYSTEM FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

SYSTEME D'ECHAPPEMENT DE GAZ D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 3061931 B1 20171011 (DE)

Application

EP 16155984 A 20160216

Priority

DE 102015102611 A 20150224

Abstract (en)

[origin: US2016245140A1] An exhaust gas duct system for an internal combustion engine includes an upstream, first exhaust gas pipe area (30), a downstream, second exhaust gas pipe area (34) adjoining the first exhaust gas pipe area (30) in a transition area (38) in an exhaust gas flow direction (G), and a liquid drain channel area (60) in the transition area. The drain channel area is open from the exhaust gas flow volume (78) in the first exhaust gas pipe area (30) or/and in the second exhaust gas pipe area (34) to a liquid collection volume (80).

IPC 8 full level

F01N 1/00 (2006.01); **F01N 3/038** (2006.01); **F01N 13/00** (2010.01); **F01N 13/18** (2010.01)

CPC (source: CN EP US)

F01N 1/003 (2013.01 - EP US); **F01N 1/006** (2013.01 - EP US); **F01N 1/082** (2013.01 - CN); **F01N 3/038** (2013.01 - US); **F01N 13/00** (2013.01 - CN); **F01N 13/007** (2013.01 - US); **F01N 13/12** (2013.01 - CN); **F01N 13/1888** (2013.01 - EP US); **F01N 13/1894** (2013.01 - EP US); **F01N 2240/22** (2013.01 - EP US); **F01N 2470/18** (2013.01 - EP US); **F01N 2490/08** (2013.01 - EP US); **F01N 2490/15** (2013.01 - EP US); **F01N 2570/22** (2013.01 - EP US)

Citation (examination)

EP 1039105 A2 20000927 - BAYERISCHE MOTOREN WERKE AG [DE]

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

EP 16155984 A 20160216; CN 201610096684 A 20160223; DE 102015102611 A 20150224; US 201615050935 A 20160223