

Title (en)

POWERTRAIN WITH IMPROVED POLLUTANT REMOVAL SYSTEM

Title (de)

ANTRIEBSSTRANG MIT VERBESSERTEM SCHADSTOFFBESEITIGUNGSSYSTEM

Title (fr)

GROUPE MOTOPROPULSEUR AVEC SYSTEME DE DEPOLLUTION AMELIORE

Publication

**EP 3710688 B1 20210825 (FR)**

Application

**EP 18789166 A 20181024**

Priority

- FR 1760753 A 20171115
- EP 2018079172 W 20181024

Abstract (en)

[origin: WO2019096553A1] The invention relates to a device for recirculating (10) exhaust gas of a motor vehicle powertrain, comprising: a housing (101) for a system for removing exhaust gas pollutants (100); and a heat exchanger (102) exchanging heat between a cooling liquid and the exhaust gas and having a connection end fitting (11) with a tubular wall (12), which is driven into an outlet opening (108) of the housing of the pollutant removal system, characterised in that the device (10) comprises a casing (14) that can surround the tubular wall (12) of the connection end fitting.

IPC 8 full level

**F02M 26/11** (2016.01); **F01N 3/021** (2006.01); **F01N 3/10** (2006.01); **F01N 13/18** (2010.01); **F02M 26/12** (2016.01); **F02M 26/15** (2016.01); **F02M 26/30** (2016.01); **F02M 26/32** (2016.01)

CPC (source: EP)

**F01N 3/021** (2013.01); **F01N 3/10** (2013.01); **F01N 3/103** (2013.01); **F01N 13/18** (2013.01); **F02M 26/11** (2016.02); **F02M 26/12** (2016.02); **F02M 26/15** (2016.02); **F02M 26/30** (2016.02); **F02M 26/32** (2016.02); **F01N 2240/02** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**FR 3073574 A1 20190517**; CN 111295505 A 20200616; CN 111295505 B 20220726; EP 3710688 A1 20200923; EP 3710688 B1 20210825; WO 2019096553 A1 20190523

DOCDB simple family (application)

**FR 1760753 A 20171115**; CN 201880071633 A 20181024; EP 18789166 A 20181024; EP 2018079172 W 20181024