

Title (en)

SILENCER FOR AN EXHAUST GAS SYSTEM OF A COMBUSTION ENGINE

Title (de)

SCHALLDÄMPFER FÜR EINE ABGASANLAGE EINER BRENNKRAFTMASCHINE

Title (fr)

SILENCIEUX POUR UN SYSTÈME D'ÉCHAPPEMENT D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 4105456 B1 20240103 (DE)

Application

EP 22172212 A 20220509

Priority

DE 102021115392 A 20210615

Abstract (en)

[origin: US2022397050A1] A silencer for an exhaust gas system of an internal combustion engine includes a silencer housing which surrounds a silencer interior and which has at least two housing portions which are adjacent to each other in an abutment region. The two housing portions are connected to each other. The silencer housing has at least one housing opening formed therein and an outlet pipe extends through the silencer housing in the region of the housing opening. The housing opening is completely formed in one of the two housing portions.

IPC 8 full level

F01N 1/08 (2006.01); **F01N 1/02** (2006.01); **F01N 13/18** (2010.01)

CPC (source: CN EP US)

F01N 1/023 (2013.01 - CN); **F01N 1/026** (2013.01 - EP); **F01N 1/089** (2013.01 - EP); **F01N 13/18** (2013.01 - EP); **F01N 13/1844** (2013.01 - US); **F01N 13/1872** (2013.01 - EP); **F01N 13/1877** (2013.01 - EP); **F01N 13/1888** (2013.01 - EP US); **F01N 13/1894** (2013.01 - EP); **F01N 2470/18** (2013.01 - EP); **F01N 2490/10** (2013.01 - EP); **F01N 2490/14** (2013.01 - EP); **F01N 2490/15** (2013.01 - EP)

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)

EP 4105456 A1 20221221; **EP 4105456 B1 20240103**; CN 115478928 A 20221216; DE 102021115392 A1 20221215; US 11840948 B2 20231212; US 2022397050 A1 20221215; ZA 202206574 B 20240424

DOCDB simple family (application)

EP 22172212 A 20220509; CN 202210668818 A 20220614; DE 102021115392 A 20210615; US 202217841192 A 20220615; ZA 202206574 A 20220614