

Title (en)
Exhaust gas assembly

Title (de)
Abgasbaugruppe

Title (fr)
Groupe de composants de gaz d'échappement

Publication
EP 2354490 B1 20140514 (DE)

Application
EP 11150565 A 20110111

Priority
DE 102010005761 A 20100125

Abstract (en)
[origin: EP2354490A1] The exhaust gas assembly (1) has a turbocharger external housing (4) which is provided with a standard outlet flange (6) and a standard bearing flange receiver (7). Turbine screws of different design size are inserted in the turbocharger external housing. The turbine screws are connected with the standard bearing flange receiver by a bearing flange (18) and with the standard outlet flange by an outlet connection (13). The exhaust gas assembly also has a manifold (3) with a manifold outer housing (2) and a manifold inner system (11).

IPC 8 full level
F01D 25/24 (2006.01); **F01N 13/18** (2010.01); **F02B 39/00** (2006.01); **F02B 67/10** (2006.01)

CPC (source: EP US)
F01D 9/026 (2013.01 - EP US); **F01D 25/243** (2013.01 - EP US); **F01N 13/1805** (2013.01 - EP US); **F02B 39/00** (2013.01 - EP US); **F02B 67/10** (2013.01 - EP US); **F02B 67/00** (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US); **F05D 2230/52** (2013.01 - EP US); **Y10T 29/4932** (2015.01 - US)

Cited by
EP3415734A4; US10436098B2

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)
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EP 11150565 A 20110111; DE 102010005761 A 20100125; ES 11150565 T 20110111; JP 2011011763 A 20110124; US 201113013255 A 20110125