

Title (en)
Exhaust gas assembly component

Title (de)
Abgasanlagenkomponente

Title (fr)
Composant d'installations de gaz d'échappement

Publication
EP 2522824 B1 20150708 (DE)

Application
EP 12164965 A 20120420

Priority
DE 102011075643 A 20110511

Abstract (en)
[origin: EP2522824A1] The component (1) has an inner pipe (3) made of metal and exposed to exhaust gas during operation of an exhaust system. A housing (4) is made of plastic, and encloses a working space (6). An outer pipe (5) includes an end region (7) fastened to the inner pipe, and another end region (9) firmly connected to the housing, where the housing is molded on the outer pipe. The outer pipe is made of metal, and encloses an annular gap (10) between the end regions, where the annular gap is radially formed between the inner and outer pipes. A heat-insulating insulation material is filled in the gap.

IPC 8 full level
F01N 13/08 (2010.01); **F01N 13/14** (2010.01); **F01N 13/16** (2010.01); **F01N 13/18** (2010.01)

CPC (source: EP US)
F01N 13/14 (2013.01 - EP US); **F01N 13/16** (2013.01 - EP US); **F01N 1/023** (2013.01 - EP US); **F01N 1/065** (2013.01 - EP US); **F01N 2470/02** (2013.01 - EP US); **F01N 2470/28** (2013.01 - EP US); **F01N 2530/18** (2013.01 - EP US)

Cited by
CH710986A1; WO2016168946A1

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 2522824 A1 20121114; **EP 2522824 B1 20150708**; CN 102777241 A 20121114; CN 102777241 B 20141105; DE 102011075643 A1 20121115; JP 2012237314 A 20121206; JP 5449449 B2 20140319; US 2012285766 A1 20121115; US 8490745 B2 20130723

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EP 12164965 A 20120420; CN 201210143327 A 20120510; DE 102011075643 A 20110511; JP 2012108352 A 20120510; US 201213468310 A 20120510