

Title (en)
SEALING SYSTEM FOR EXHAUST-GAS LINES

Title (de)
DICHTUNGSSYSTEM FÜR ABGASLEITUNGEN

Title (fr)
SYSTÈME D'ÉTANCHÉITÉ POUR CONDUITS DE GAZ D'ÉCHAPPEMENT

Publication
EP 2066951 A1 20090610 (DE)

Application
EP 07802061 A 20070901

Priority
• EP 2007007644 W 20070901
• DE 102006045584 A 20060927

Abstract (en)
[origin: US2008073857A1] A sealing system, in particular for sealing multi-part exhaust gas pipes for an internal combustion engine, with at least a first flange part (9) and a second flange part (11) that guide a heat flow (5) and that border between them a receiving space (33) for at least one sealing element (29, 31), is characterized in that the flange parts (9, 11) that are adjacent to one another in each case form a ring flange (13) that extends outward, facing away from the heat flow (5) and running transversely to the latter, in which the faces (15, 17) of the flange parts (9, 11) that are adjacent to one another form a chamber to some extent of the receiving space (33) of the sealing element (29, 31).

IPC 8 full level
F16L 23/20 (2006.01); **F01N 13/16** (2010.01); **F01N 13/18** (2010.01); **F16J 15/08** (2006.01); **F16J 15/12** (2006.01)

CPC (source: EP US)
F01N 13/1827 (2013.01 - EP US); **F16L 23/18** (2013.01 - EP US); **F16L 23/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2008037330A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2008073857 A1 20080327; CN 101517303 A 20090826; CN 101523106 A 20090902; CN 101523106 B 20130306;
DE 102006045584 A1 20080515; EP 2066951 A1 20090610; EP 2066952 A1 20090610; JP 2010505069 A 20100218;
JP 2010505070 A 20100218; US 2009284008 A1 20091119; US 2009322039 A1 20091231; US 8328203 B2 20121211;
WO 2008037330 A1 20080403; WO 2008037331 A1 20080403

DOCDB simple family (application)
US 90257607 A 20070924; CN 200780035968 A 20070901; CN 200780036147 A 20070901; DE 102006045584 A 20060927;
EP 07802061 A 20070901; EP 07802062 A 20070901; EP 2007007644 W 20070901; EP 2007007645 W 20070901; JP 2009529554 A 20070901;
JP 2009529555 A 20070901; US 30995107 A 20070901; US 30995207 A 20070901