

Title (en)
Exhaust gas system with Helmholtz resonator

Title (de)
Abgassystem mit Helmholtz-Resonator

Title (fr)
Dispositif pour gaz d'échappement comprenant un résonateur de Helmholtz

Publication
EP 1213538 B1 20060906 (DE)

Application
EP 01811076 A 20011108

Priority
CH 24002000 A 20001208

Abstract (en)
[origin: EP1213538A2] The exhaust gas system for an industrial gas turbine comprises an exhaust gas pipe (12) connected to a stack (14). A Helmholtz resonator (24) is fitted at the junction between the two so that its output zone (30) is at the pressure maximum of an acoustic mode. This damps low frequency vibrations.

IPC 8 full level
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CPC (source: EP US)
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Cited by
WO2010018069A1; EP1865259A3; EP2072896A3; CN105091006A; CH699322A1; JP2011530689A; US8205714B2

Designated contracting state (EPC)
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EP 1213538 A2 20020612; **EP 1213538 A3 20020731**; **EP 1213538 B1 20060906**; DE 50110932 D1 20061019; US 2002108810 A1 20020815; US 6705428 B2 20040316

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EP 01811076 A 20011108; DE 50110932 T 20011108; US 99196701 A 20011126