

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 A3 20020731 (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.

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F23J 13/06; F01D 25/30; F23J 13/00

IPC 8 full level
F01D 25/30 (2006.01); **F23J 13/00** (2006.01)

CPC (source: EP US)
F01D 25/30 (2013.01 - EP US); **F23J 13/00** (2013.01 - EP US); **F23M 20/005** (2015.01 - EP US); **F05D 2260/96** (2013.01 - EP US); **F23J 2900/13003** (2013.01 - EP US)

Citation (search report)

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