

Title (en)

System for influencing an exhaust gas flow

Title (de)

Anordnung zur Beeinflussung einer Abgasströmung

Title (fr)

Installation pour influencer un flux de gaz d'échappement

Publication

EP 2325559 B1 20161228 (DE)

Application

EP 09014442 A 20091119

Priority

EP 09014442 A 20091119

Abstract (en)

[origin: EP2325559A1] The arrangement has a flow grid (14) partially blocking cross-section of a channel (1) and provided with passages. The flow grid is arranged transversely in an area of the channel at an end facing a gas turbine, where excessive speeds occur in the area of the channel. The grid consists of a row of individual pipes or rods that are arranged next to each other and at a distance from each other in a longitudinal direction of the channel. A cooling medium flows through the pipes. The flow grid is supported at an inner casing of the channel.

IPC 8 full level

F22B 1/18 (2006.01); **F01D 25/30** (2006.01); **F22B 37/24** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP KR US)

F01D 25/30 (2013.01 - EP KR US); **F22B 1/18** (2013.01 - KR); **F22B 1/1815** (2013.01 - EP US); **F22B 37/24** (2013.01 - EP KR US); **F28F 9/02** (2013.01 - KR); **F28F 9/028** (2013.01 - EP US)

Citation (examination)

DE 19737507 A1 19990311 - DAMPERS ENGINEERING GMBH [DE]

Cited by

CN110118345A; EP3006683A1; US10323578B2

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2325559 A1 20110525; **EP 2325559 B1 20161228**; ES 2620775 T3 20170629; KR 101777431 B1 20170911; KR 20120123257 A 20121108; US 2012279596 A1 20121108; US 9291342 B2 20160322; WO 2011060935 A1 20110526

DOCDB simple family (application)

EP 09014442 A 20091119; EP 2010007014 W 20101118; ES 09014442 T 20091119; KR 20127013601 A 20101118; US 201013510765 A 20101118