

Title (en)

POWER AUGMENTATION SYSTEM WITH DYNAMICS DAMPING

Title (de)

LEISTUNGSVERSTÄRKUNGSSYSTEM DYNAMIKDÄMPFUNG

Title (fr)

SYSTÈME D'AUGMENTATION DE PUISSANCE AVEC AMORTISSEMENT EN DYNAMIQUE

Publication

EP 2691609 A1 20140205 (EN)

Application

EP 11775858 A 20110331

Priority

RU 2011000226 W 20110331

Abstract (en)

[origin: WO2012134325A1] The present application provides a power augmentation system with dynamics damping for a gas turbine engine. The power augmentation system may include a transition piece of a combustor and a steam manifold positioned about the transition piece. The transition piece may include a number of transition piece passageways therethrough and the steam manifold may include a number of manifold passageways therethrough. The manifold passageways may align with the transition piece passageways.

IPC 8 full level

F01D 9/02 (2006.01); **F02C 3/30** (2006.01); **F02C 5/11** (2006.01); **F23L 7/00** (2006.01)

CPC (source: EP US)

F01D 9/023 (2013.01 - EP US); **F02C 3/305** (2013.01 - EP US); **F02C 5/11** (2013.01 - EP US); **F23L 7/005** (2013.01 - EP US); **F23M 20/005** (2015.01 - EP US); **F23R 3/00** (2013.01 - EP US); **F05D 2260/96** (2013.01 - EP US); **F23R 2900/00013** (2013.01 - EP US); **Y02E 20/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2012134325A1

Designated contracting state (EPC)

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WO 2012134325 A1 20121004; CN 103649468 A 20140319; EP 2691609 A1 20140205; JP 2014509707 A 20140421; RU 2013143396 A 20150510; US 2014013754 A1 20140116

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