

Title (en)

Turbine vibration reduction system

Title (de)

Turbinenvibrationsverminderungssystem

Title (fr)

Système de réduction de vibrations de turbine

Publication

EP 2653667 A2 20131023 (EN)

Application

EP 13163840 A 20130416

Priority

US 201213450170 A 20120418

Abstract (en)

A turbine vibration reduction system (10) includes a nozzle (14), a bucket (18) in operable communication with the nozzle (14), and a structure (16) having at least one opening (22) configured to inject fluid into flow traveling past the nozzle (14) and the bucket (18) to disrupt formation of a vortex.

IPC 8 full level

F01D 25/04 (2006.01); **F01D 25/06** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2653667 A2 20131023; **EP 2653667 A3 20140101**; CN 103375183 A 20131030; CN 103375183 B 20160817; JP 2013221522 A 20131028; RU 2013117262 A 20141027; US 2013280050 A1 20131024

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EP 13163840 A 20130416; CN 201310135027 A 20130418; JP 2013086179 A 20130417; RU 2013117262 A 20130416; US 201213450170 A 20120418