

Title (en)
Compressor of a gas turbine system

Title (de)
Verdichter eines Gasturbinensystems

Title (fr)
Compresseur d'un système de turbine à gaz

Publication
EP 2657461 A3 20131204 (EN)

Application
EP 13165099 A 20130424

Priority
US 201213455781 A 20120425

Abstract (en)
[origin: EP2657461A2] A compressor 12 of a gas turbine system 10 includes at least one inlet row having a plurality of inlet guide vanes. Also included is at least one stator row 14 having a plurality of stator vanes. Further included is a first actuation mechanism 32 operably connected to the at least one stator row 14, wherein the first actuation mechanism is configured to positionally manipulate the at least one stator row 14. Yet further included is a second actuation mechanism 34 operably connected to the at least one stator row, wherein the second actuation mechanism is configured to positionally manipulate the at least one stator row.

IPC 8 full level
F01D 17/14 (2006.01); **F01D 17/16** (2006.01)

CPC (source: EP US)
F01D 17/14 (2013.01 - EP US); **F01D 17/162** (2013.01 - EP US); **F01D 17/167** (2013.01 - EP US); **F04D 27/0246** (2013.01 - EP US); **F04D 29/563** (2013.01 - EP US); **F05D 2220/3217** (2013.01 - EP US); **F05D 2260/76** (2013.01 - EP US)

Citation (search report)

- [X] EP 1803903 A1 20070704 - SIEMENS AG [DE]
- [X] US 2011176913 A1 20110721 - WASSYNGER STEPHEN PAUL [US], et al
- [X] EP 2211026 A2 20100728 - ROLLS ROYCE PLC [GB]
- [Y] US 2011085885 A1 20110414 - COPELAND ANDY [US], et al
- [Y] US 5938401 A 19990817 - MODEEN DOUGLAS P [US], et al
- [Y] EP 0527593 A2 19930217 - GEN ELECTRIC [US]

Cited by
GB2551422A; GB2551422B; US10450889B2

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 13165099 A 20130424; CN 201310148428 A 20130425; JP 2013087020 A 20130418; RU 2013118663 A 20130424; US 201213455781 A 20120425