

Title (en)
Stator of a gas turbine

Title (de)
Stator einer Gasturbine

Title (fr)
Stator des turbines à gaz

Publication
EP 2636850 A1 20130911 (EN)

Application
EP 13158473 A 20130308

Priority
US 201213416982 A 20120309

Abstract (en)
In an embodiment, a system includes a rotary machine. The rotary machine includes a rotor (54) having a plurality of blades (52) and a segmented stator having a plurality of stator segments (74,76) arranged circumferentially about the plurality of blades (52). Each adjacent pair of first and second segments (74,76) of the plurality of stator segments includes a recess (60) extending circumferentially across an intermediate joint (70) between the first and second segments (74,76). Furthermore, each recess (60) includes at least one eccentricity control insert (62) configured to mitigate eccentricity of an inner circumference of the segmented stator due to thermal expansion or thermal contraction of the segmented stator.

IPC 8 full level
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CPC (source: EP US)
F01D 9/04 (2013.01 - EP US); **F01D 9/041** (2013.01 - EP US); **F01D 11/122** (2013.01 - EP US); **F01D 25/243** (2013.01 - EP US)

Citation (search report)

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