

Title (en)
ROTARY MACHINE AND NOZZLE ASSEMBLY THEREFOR

Title (de)
ROTATIONSMASCHINE UND DÜSENANORDNUNG DAFÜR

Title (fr)
MACHINE ROTATIVE ET ENSEMBLE BUSE ASSOCIÉ

Publication
EP 3555426 A2 20191023 (EN)

Application
EP 17882534 A 20171027

Priority
• US 201615383947 A 20161219
• US 2017058674 W 20171027

Abstract (en)
[origin: WO2018118217A2] A rotary machine is provided. The rotary machine includes a turbine section with a casing and a ring coupled within the casing. The ring has a groove. The rotary machine also includes a nozzle coupled to the ring. The nozzle has a first end, a second end, and an airfoil extending between the first end and the second end along a longitudinal axis. The first end includes a first hook and a second hook. The first hook has a first radially outer surface, and the second hook has a second radially outer surface. The ring and the first end of the nozzle cooperate to form an anti-rotation feature that extends from at least one of the radially outer surfaces along the axis and between the hooks.

IPC 8 full level
F01D 9/04 (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP)
F01D 9/042 (2013.01); **F01D 25/246** (2013.01); **F05D 2220/31** (2013.01); **F05D 2260/38** (2013.01)

Designated contracting state (EPC)
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