

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 A4 20200923 (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)

Citation (search report)
• [X] US 2014072419 A1 20140313 - JOSHI MANISH [IN], et al
• [A] EP 1959098 A1 20080820 - TOSHIBA KK [JP]
• [A] US 2004086383 A1 20040506 - COUTURE BERNARD ARTHUR [US], et al
• See references of WO 2018118217A2

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2018118217 A2 20180628; WO 2018118217 A3 20180726; EP 3555426 A2 20191023; EP 3555426 A4 20200923

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