

Title (en)
Turbine engine shroud segment

Title (de)
Mantelringsegment eines Turbinentriebwerks

Title (fr)
Segment de virole pour un moteur à turbine

Publication
EP 1645725 A1 20060412 (EN)

Application
EP 05254609 A 20050725

Priority
US 96231004 A 20041008

Abstract (en)
A turbine engine shroud segment comprises a body (12) including an outer surface (16) away from which an integral attachment system projects. The attachment system comprises a plurality of at least two axially (40) spaced apart circumferentially (38) extending rows (28,30) of discrete projection hook segments (26) to interrupt a potential hoop stress path through the attachment system. Each projection hook segment (26) includes a segment support surface (36) aligned circumferentially (38) and radially (42) with other segment support surfaces (36) in a row (28/30).

IPC 8 full level
F01D 9/04 (2006.01); **F01D 11/08** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)
F01D 9/04 (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US)

Citation (applicant)

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Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1645725 A1 20060412; JP 2006105129 A 20060420; US 2006078429 A1 20060413

DOCDB simple family (application)
EP 05254609 A 20050725; JP 2005227407 A 20050805; US 96231004 A 20041008