

Title (en)

Transition piece for a gas turbine engine, corresponding system and method

Title (de)

Übergangsstück für eine Gasturbinenanlage, zugehörige System und Verfahren

Title (fr)

Pièce de transition pour un moteur à turbine à gaz, système et procédé associés

Publication

EP 2650480 A3 20151021 (EN)

Application

EP 13163218 A 20130410

Priority

US 201213446718 A 20120413

Abstract (en)

[origin: EP2650480A2] Disclosed herein are apparatus, method, and system for cross sectional area convergence reduction and selection of a transition piece (200) of a gas turbine engine. In an embodiment, an aft end cross sectional area (210) is determined for a transition piece and a forward end cross sectional area (205) is determined for the transition piece. The transition piece may be fabricated based on a constant slope of cross sectional area change between the aft end and the forward end.

IPC 8 full level

F01D 9/02 (2006.01)

CPC (source: EP US)

F01D 9/023 (2013.01 - EP US); **F05D 2250/50** (2013.01 - EP US); **Y10T 29/49323** (2015.01 - EP US)

Citation (search report)

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