

Title (en)

TRANSITION DUCT FOR A GAS TURBINE ASSEMBLY AND GAS TURBINE ASSEMBLY COMPRISING THIS TRANSITION DUCT

Title (de)

ÜBERGANGSKANAL FÜR EINE GASTURBINENANORDNUNG UND GASTURBINENANORDNUNG MIT DIESEM ÜBERGANGSKANAL

Title (fr)

CONDUIT DE TRANSITION POUR UN ENSEMBLE DE TURBINE À GAZ ET ENSEMBLE DE TURBINE À GAZ COMPORTANT CE CONDUIT DE TRANSITION

Publication

EP 3726008 B1 20220518 (EN)

Application

EP 19170045 A 20190418

Priority

EP 19170045 A 20190418

Abstract (en)

[origin: EP3726008A1] A transition duct for a gas turbine assembly and configured for guiding hot gas from a combustion chamber to a turbine, the transition duct comprising: a tubular wall structure provided with an inner surface in contact with an hot gas and an outer surface in contact with a cooling air; a connecting structure extending between the inner surface and the outer surface and configured for defining a plurality of cooling channels extending through the tubular wall structure; wherein the connecting structure is a flexible connection structure configured for allowing a circumferential movement of the outer surface whit respect to the inner surface.

IPC 8 full level

F01D 9/02 (2006.01); **F01D 25/12** (2006.01); **F23R 3/00** (2006.01); **F23R 3/46** (2006.01)

CPC (source: CN EP)

F01D 9/023 (2013.01 - EP); **F01D 25/12** (2013.01 - EP); **F23R 3/005** (2013.01 - EP); **F23R 3/46** (2013.01 - EP); **F23R 3/60** (2013.01 - CN); **F05D 2230/31** (2013.01 - EP); **F05D 2260/20** (2013.01 - EP); **F05D 2260/941** (2013.01 - EP); **F23R 2900/00017** (2013.01 - CN); **F23R 2900/00018** (2013.01 - EP); **F23R 2900/03043** (2013.01 - EP)

Cited by

CN112984560A

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DOCDB simple family (publication)

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DOCDB simple family (application)

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