

Title (en)  
Coated transition duct for a gas turbine

Title (de)  
Beschichteter Überströmkanal für eine Gasturbine

Title (fr)  
Conduit de transition revêtu pour une turbine à gaz

Publication  
**EP 0949410 A3 20001102 (DE)**

Application  
**EP 99103176 A 19990218**

Priority  
DE 19815473 A 19980407

Abstract (en)  
[origin: EP0949410A2] A gas turbine hot gas inlet manifold consists of a heat and corrosion resistant metal substrate (9) with interior and exterior high temperature corrosion and oxidation protective layers (4). The metal substrate consists of a nickel base alloy and the high temperature corrosion and oxidation protective layers consist of MCrAlY containing 31% Cr, 11% Al and 0.6% Y.

IPC 1-7  
**F02C 7/30**; **F01D 9/02**

IPC 8 full level  
**F02C 7/00** (2006.01); **F01D 5/28** (2006.01); **F01D 9/02** (2006.01); **F02C 7/30** (2006.01)

CPC (source: EP US)  
**C23C 28/3215** (2013.01 - EP US); **C23C 28/325** (2013.01 - EP US); **C23C 28/3455** (2013.01 - EP US); **F01D 5/288** (2013.01 - EP US); **F01D 9/023** (2013.01 - EP US); **F05D 2230/90** (2013.01 - EP US); **F05D 2300/15** (2013.01 - EP US)

Citation (search report)  
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