

Title (en)  
Turbine with secondary gas feed means

Title (de)  
Turbine mit einer Sekundärgaszuführung

Title (fr)  
Turbine avec une alimentation de gaz secondaire

Publication  
**EP 1635043 A1 20060315 (DE)**

Application  
**EP 04021579 A 20040910**

Priority  
EP 04021579 A 20040910

Abstract (en)  
The turbine has a housing in which a primary gas flow is led toward a longitudinal axis of the turbine. A secondary gas supply with a secondary gas flow transverse to the axis is introduced into the primary flow. A component (32) for mixing the secondary flow with the primary flow is provided in an area of the introduction of the secondary flow. The component controls the secondary flow in the flow direction of the primary flow.

IPC 8 full level  
**F01D 1/02** (2006.01); **F01D 25/12** (2006.01); **F01K 7/18** (2006.01)

CPC (source: EP)  
**F01D 25/12** (2013.01)

Citation (search report)  
• [X] US 6155778 A 20001205 - LEE CHING-PANG [US], et al  
• [X] EP 0709550 A1 19960501 - GEN ELECTRIC [US]  
• [X] US 2002159880 A1 20021031 - MORRIS MARK C [US], et al  
• [X] US 4835958 A 19890606 - RICE IVAN G [US]  
• [A] US 2003035722 A1 20030220 - BARRETT DAVID W [GB], et al  
• [A] US 6553753 B1 20030429 - PAYLING STEPHEN R [US], et al  
• [E] EP 1496238 A1 20050112 - SNECMA MOTEURS [FR]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1635043 A1 20060315**

DOCDB simple family (application)  
**EP 04021579 A 20040910**