

Common Citation Document

Trilateral Industry Meeting
09 November 2011



Brief reminder

- Common Citation Document (CCD) was initially proposed by Trilateral Industry.
- Trilateral Offices developed a first pilot and further refined it into a production version.
- CCD offers consolidated access to citation data from Trilateral Offices combining a priority-based family of patent applications with the cited prior art for each family application.
- CCD is based on published data or on data made publicly available by Patent Offices.
- CCD involves the commitment of the Trilateral Offices to engage into the exchange of the relevant citation data.
- CCD builds on the EPO's family system and has been developed and is hosted by the EPO. Developments took as much as possible comments from the industry and Trilateral Offices into account.

Main functionalities introduced in this release

- The CCD can be invoked with domestic application and publication number formats for most Trilateral applications after 2005 and also suggests possible matching applications.
- CCD has a broader data coverage than the Trilateral Offices, including relevant citation data made available to EPO by any IPO.
- Identifies equivalent citations in the citation view by citation grouping.
- Supports an ergonomic double viewing.
- Comprehensive User Guide and Online Help available.

- CCD is available under: <http://www.trilateral.net/ccd>

Hide CCD Double Viewer View Citations

CCD View

Compact view Sort by country Filter (1) Classifications & fields searched

#	CC	Cat.	Citation details	Claims
- 1	EP		Application N° EP04425475 (EP20040425475) - 30 June 2004	
			National Search Report	
		X	DE4310984 A1 (REXROTH MANNESMANN GMBH [DE]) - 6 October 1994	1-5, 13
		Y	Column 4, line 31 - column 5, line 54	6
			Figure 1	
		Y	WO0111227 A1 (SIEMENS AG [DE], et al) - 15 February 2001	6
		A	Page 7, line 9 - page 9, line 3	1
			Figure 1	
			Claim 17	
		A	EP0740068 A2 (LUCAS IND PLC [GB]) - 30 October 1996	1
			Column 4, line 27 - column 5, line 13	
			Figure 2	
		A	US6257499 B1 (STURMAN ODED E) - 10 July 2001	1
			Column 4, line 49 - column 5, line 23	
			Figure 4	
2	AT		Application N° AT05425384 (AT20050425384T) - 27 May 2005	
3	AT		Application N° AT05425383 (AT20050425383T) - 27 May 2005	
4	DE		Application N° DE602004004254 (DE2004004004254T) - 30 June 2004	
5	DE		Application N° DE602005000662 (DE200500000662T) - 27 May 2005	
6	DE		Application N° DE6020050003175 (DE2005000003175T) - 27 May 2005	
7	EP		Application N° EP05425384 (EP20050425384) - 27 May 2005	
			National Search Report	

Simple families: 5 Total family members: 23

Inspector: biblio for EP20040425475

Bibliographic data: EP 1612403 (A1)

Servo valve for controlling an internal combustion engine fuel injector

Publication date: 4 January 2006

Inventor(s): RICCO MARIO [IT]; DE MATTHAEIS SISTO LUIGI [IT]; GORGOLIONE ADRIANO [IT]; DI MEDO ALFONSO [IT]

Applicant(s): FIAT RICERCHI [IT]

Classifications: International: F02M59/46; F02M47/02

European: F02M47/02D; F02M63/00B28; F02M63/00E4C; F02M63/00E4D

Application number: EP20040425475 20040630

Priority number(s): EP20040425475 20040630

Abstract of EP 1612403 (A1)

A control servo valve (8) is housed inside the casing of an internal combustion engine fuel injector (1), and has an actuator (9), a control chamber (13) communicating with a fuel inlet (5) and with a fuel outlet passage (22), and a shutter (35) movable along an axis (3) by the actuator (9) between a closed position and an open position to close and open the outlet passage (22) respectively. The servo valve (8) also has a fixed axial rod (29) interposed between the actuator (9) and the control chamber (13). The outlet passage (22) comes out through an outer lateral surface (30) of the axial rod (29).

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CCD View

Expand view Sort by country Filter (1) Classifications & fields searched

#	CC	Cat.	Citation details	Claims
7	EP		Application N° EP05425384 (EP20050425384) - 27 May 2005	
8	ES		Application N° ES04425475 (ES20040425475T) - 30 June 2004	
9	ES		Application N° ES05425384 (ES20050425384T) - 27 May 2005	
10	JP		Application N° JP2005192051 (JP200501192051) - 30 June 2005	
11	JP		Application N° JP2005118446 (JP20050118446) - 15 April 2005	
12	US		Application N° US11112772 (US20050112772) - 21 April 2005	
13	US		Application N° US11741474 (US20070741474) - 27 April 2007	
14	US		Application N° US1171659 (US200501171659) - 30 June 2005	
15	EP		Application N° EP05425383 (EP20050425383) - 27 May 2005	
16	JP		Application N° JP2005191978 (JP200501191978) - 30 June 2005	
17	US		Application N° US1171658 (US200501171658) - 30 June 2005	
18	AT		Application N° AT06114551 (AT20060114551T) - 26 May 2006	
19	CN		Application N° CNA200610163968.1 (CN20061163968) - 24 November 2006	
20	KR		Application N° KR1020060117230 (KR20060117230) - 24 November 2006	
21	EP		Application N° EP06114551 (EP20060114551) - 25 May 2006	
22	JP		Application N° JP2006147852 (JP20060147852) - 29 May 2006	
23	JLC		Annotation N° JLC111441641 (JLC2006011441) - 24 May 2006	

Simple families: 5 Total family members: 23

Inspector: biblio for EP20040425475

Bibliographic data: EP 1612403 (A1)

Servo valve for controlling an internal combustion engine fuel injector

Abstract of EP 1612403 (A1)

A control servo valve (8) is housed inside the casing of an internal combustion engine fuel injector (1), and has an actuator (9), a control chamber (13) communicating with a fuel inlet (5) and with a fuel outlet passage (22), and a shutter (35) movable along an axis (3) by the actuator (9) between a closed position and an open position to close and open the outlet passage (22) respectively. The servo valve (8) also has a fixed axial rod (29) interposed between the actuator (9) and the control chamber (13). The outlet passage (22) comes out through an outer lateral surface (30) of the axial rod (29) and the shutter (35) is defined by a sleeve which slides axially on the outer lateral surface (30), and, in the closed position, closes the outlet passage (22) so as to be subjected to a zero axial resultant force by the pressure of the fuel.

Bibliographic data: EP 1612403 (B1)

Number: 1783326

Search

EP20030746705

EP20060123454

Hide CCD Viewer

Double Inspector

Timeline

CCD Viewer

Citations only view Compact view Sort by country Filter Classifications & fields searched

CC Cat. Citation details Claims

1 EP Application N° EP20060123454 (EP06123454) - 3
November 2006

National Search Report

X US2003035726 A1 (TIEMANN PETER, , et al) - 20 February 2003 1-
Page 4, paragraph 44 - page 4, paragraph 45 9
Figure 4

X EP0541207 A1 (GEN ELECTRIC [US]) - 12 May 1993 1-
Column 5, line 33 - column 5, line 37 9
Figure 2, 3

A US5695321 A (GEN ELECTRIC [US]) - 9 December 1997 2
Column 6, line 28 - column 6, line 32
Figure 4 - 6

A Impingement cooling in a rotating curved square annular duct 8,5
with crossflow effect from rib-roughened surfaces
Authors: SHOU-SHING HSIEH, JUNG-TAI HUANG, HUANG-
HSIU TSAI
Publication data: INSPEC
Abstract

2 CA Application N° CA20062567126 (CA002567126) - 3
November 2006

3 FR Application N° FR20050053357 (FR0553357) - 7 November

Simple families: 1

Total family members: 6

Inspector: classifications and fields searched

Classifications

EP

IPC
EC

F01D5/18

F01D9/04B, F01D5/18G2C, F01D9/06C

CA

IPC
EC

F01D5/18, F01D25/12

F01D9/04B, F01D5/18G2C, F01D9/06C

FR

IPC
EC

F01D5/18

F01D9/04B, F01D5/18G2C, F01D9/06C

JP

IPC
FI
FTERM

F01D9/02, F01D1/18

F01D1/18, F01D9/02&102
3G002/CA03, 3G002/CA06, 3G002/CA07,
3G002/CB01, 3G002/CB04, 3G002/CB05,
3G002/GA08, 3G002/GB01, 3G202/CA03,
3G202/CA06, 3G202/CA07, 3G202/CB01,
3G202/CB04, 3G202/CB05, 3G202/GA08,
3G202/GB01

EC

F01D9/04B, F01D5/18G2C, F01D9/06C

RU

IPC
EC

F01D5/18

F01D9/04B, F01D5/18G2C, F01D9/06C

Number: 1783326 Search

EP20030746705

EP20060123454

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CCD Viewer				
<div>Citations only view Expand view Sort by country Filter ▾ Classifications & fields searched</div>				
#	CC	Cat.	Citation details	Claims
+	1	EP	Application N° EP20060123454 (EP06123454) - 3 November 2006	
	2	CA	Application N° CA20062567126 (CA002567126) - 3 November 2006	
	3	FR	Application N° FR20050053357 (FR0553357) - 7 November 2005	
	4	JP	Application N° JP20060299893 (JP2006299893) - 6 November 2006	
	5	RU	Application N° RU20060139012 (RU2006139012/06) - 3 November 2006	
	6	US	Application N° US20060556867 (US11556867) - 6 November 2006	
Simple families: 1 Total family members: 6				

Inspector: classifications and fields searched	
Classifications	
	EP
IPC EC	F01D5/18 F01D9/04B, F01D5/18G2C, F01D9/06C
CA	
IPC EC	F01D5/18, F01D25/12 F01D9/04B, F01D5/18G2C, F01D9/06C
FR	
IPC EC	F01D5/18 F01D9/04B, F01D5/18G2C, F01D9/06C
	JP
IPC FI FTERM	F01D9/02, F01D1/18 F01D1/18, F01D9/02&102 3G002/CA03, 3G002/CA06, 3G002/CA07, 3G002/CB01, 3G002/CB04, 3G002/CB05, 3G002/GA08, 3G002/GB01, 3G202/CA03, 3G202/CA06, 3G202/CA07, 3G202/CB01, 3G202/CB04, 3G202/CB05, 3G202/GA08, 3G202/GB01
EC	F01D9/04B, F01D5/18G2C, F01D9/06C
RU	
IPC EC	F01D5/18 F01D9/04B, F01D5/18G2C, F01D9/06C

Number: 1783326 Search

EP20030746705 EP20060123454

Hide CCD Viewer Double Inspector Timeline

CCD Viewer Inspector: classifications and fields searched

Citations only Group across extended family Classifications & fields searched

Application	Cat.	Citation details	Claims
JP20060299893		JP7233702 A (MITSUBISHI HEAVY IND LTD) - 5 September 1995	
US20060556867		US5120192 A (TOSHIBA KK [JP]) - 9 June 1992	
JP20060299893		JP8338203 A (HITACHI LTD, et al) - 24 December 1996	
JP20060299893		JP3092504 A (HITACHI LTD) - 17 April 1991	
JP20060299893		JP7145702 A (TOSHIBA CORP) - 6 June 1995	
US20060556867		US5533864 A (TOSHIBA KK [JP]) - 9 July 1996	
US20060556867		EP0541207 A1 (GEN ELECTRIC [US]) - 12 May 1993	
FR20050053357	X	EP0541207 A1 (GEN ELECTRIC [US]) - 12 May 1993	
JP20060299893		JP5214957 A (GEN ELECTRIC) - 24 August 1993	
EP20060123454	X	EP0541207 A1 (GEN ELECTRIC [US]) - 12 May 1993 Column 5, line 33 - column 5, line 37 Figure 2, 3	
US20060556867		US5695321 A (GEN ELECTRIC [US]) - 9 December 1997	
FR20050053357	A	US5695321 A (GEN ELECTRIC [US]) - 9 December 1997	
EP20060123454	A	US5695321 A (GEN ELECTRIC [US]) - 9 December 1997 Column 6, line 28 - column 6, line 32 Figure 4 - 6	
JP20060299893		US5695321 A (GEN ELECTRIC [US]) - 9 December 1997	

Simple families: 1 Total citations: 27

Classifications

EP	IPC EC	F01D5/18 F01D9/04B, F01D5/18G2C, F01D9/06C
CA	IPC EC	F01D5/18, F01D25/12 F01D9/04B, F01D5/18G2C, F01D9/06C
FR	IPC EC	F01D5/18 F01D9/04B, F01D5/18G2C, F01D9/06C
JP	IPC FI FTERM	F01D9/02, F01D1/18 F01D1/18, F01D9/02&102 3G002/CA03, 3G002/CA06, 3G002/CA07, 3G002/CB01, 3G002/CB04, 3G002/CB05, 3G002/GA08, 3G002/GB01, 3G202/CA03, 3G202/CA06, 3G202/CA07, 3G202/CB01, 3G202/CB04, 3G202/CB05, 3G202/GA08, 3G202/GB01
	EC	F01D9/04B, F01D5/18G2C, F01D9/06C
RU	IPC EC	F01D5/18 F01D9/04B, F01D5/18G2C, F01D9/06C

Number: 1783326

Search

US19900629855

EP20060123454

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Timeline

Citation EP0541207.A1 [also published as]

<

Biblio

Description

Claims

Original document

>

Full document: EP 0541207 (A1)

Cincinnati, Ohio 45213(US)

Representative: Lupton, Frederick

LONDON PATENT OPERATION, G.E.

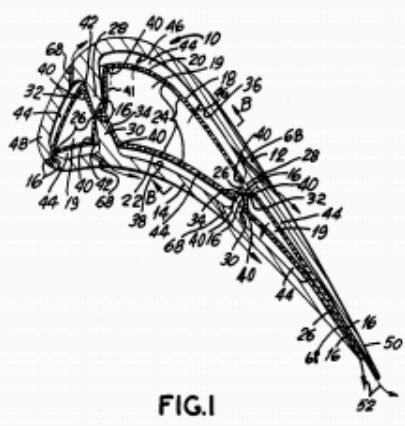
TECHNICAL SERVICES Co. INC., Essex

House, 12/13 Essex Street

London WC2R 3AA (GB)

Impingement cooled airfoil with bonding foil insert.

An impingement cooled airfoil (10) is fabricated by diffusion bonding a pair of airfoil half-sections (12,14) together using an insert (18) which is pre-fabricated from diffusion bonding foil. The insert (18) is perforated so as to act as an impingement baffle. Axially-extending ribs (44) may be formed on the internal walls of the airfoil half-sections or on the insert to support and accurately space the insert member (18) from the internal walls so as to optimize impingement cooling.



Citation JP5214957.A [also published as]

<

Biblio

Description

Claims

Original document

>

Full document: JP 5214957 (A)

(33)発元権主国 米国 (U.S.)

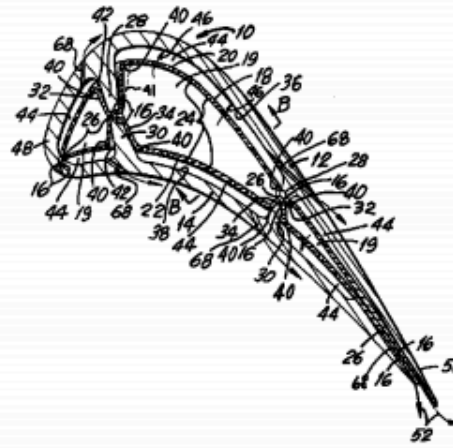
(12)発明者 ニコラス・タムリス
アメリカ合衆国、オハイオ州、シンシナティ、
ロッドニイ・コート、7407番

(74)代理人 弁理士 生沼 徳二

最終頁に続く

(54)【発明の名称】 接合フォイル挿入体を備えた被衝突冷却翼

(57)【要約】
【目的】 冷却空気を高めたガスタービンエンジンの翼の製造費用を少なくする。
【構成】 拡散接合用フォイル20、22で予め形成した挿入体18を用いて1対の翼半分12、14を拡散接合することにより、被衝突冷却翼10を製造する。挿入体は多孔24を有し衝突邪魔板として作用する。軸方向に延在する複数のリブ44を翼の両半分の内壁36、38または挿入体に形成し、これらのリブで挿入体を支持しかつ該内壁から正確に離隔して衝突冷却を最適にし得る。



Number: 1783326 Search

EP20030746705

EP20060123454

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CCD Viewer

Citations only view Compact view Sort by country Filter (2) Classifications & fields searched

#	CC	Cat.	Citation details
1	EP		<div>Application N° EP20060123454</div> <div>November 2006</div> <div>National Search Report</div> <div><div><div>X</div><div>US2003035726 A1 (TIEMANN PETER, , et al) - 20 February 2003</div><div>Page 4, paragraph 44 - page 4, paragraph 45</div><div>Figure 4</div></div><div><div>X</div><div>EP0541207 A1 (GEN ELECTRIC [US]) - 12 May 1993</div><div>Column 5, line 33 - column 5, line 37</div><div>Figure 2, 3</div></div><div><div>A</div><div>US5695321 A (GEN ELECTRIC [US]) - 9 December 1997</div><div>Column 6, line 28 - column 6, line 32</div><div>Figure 4 - 6</div></div><div><div>A</div><div>Impingement cooling in a rotating curved square annular duct with crossflow effect from rib-roughened surfaces</div><div>Authors: SHOU-SHING HSIEH, JUNG-TAI HUANG, HUANG-HSIU TSAI</div><div>Publication data: INSPEC</div><div>Abstract</div></div></div>
2	FR		<div>Application N° FR20050053357 (FR0553357) - 7 November 2005</div> <div>National Search Report</div>

Simple families: 1 Total family members: 6

Citation EP0541207.A1

Biblio Description Claims Original document

Biographic data: EP 0541207 (A1)

Impingement cooled airfoil with bonding foil insert.

Publication date: 12 May 1993

Inventor(s): DAMLIS NICHOLAS [US]; MARTUS JAMES ARTHUR [US]; GOLDMAN EDWARD HARVEY [US]

Applicant(s): GEN ELECTRIC [US]

Classifications:

International: B23P15/04; F01D5/18; F02C7/18

European: B23P15/04; F01D5/18G2C

Application number: EP19920306127 19920702

Priority number(s): US19910787345 19911104

Abstract of EP 0541207 (A1)

Number: Search

EP20060123454

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CCD Viewer

Citations only view Compact view Sort by country Filter Classifications & fields searched

CC Cat. Citation details Claims

1 EP Application N° EP20060123454 (EP06123454) - 3 November 2006

National Search Report

- X US2003035726 A1 (TIEMANN PETER, , et al) - 2006
Page 4, paragraph 44 - page 4, paragraph 45
Figure 4
- X EP0541207 A1 (GEN ELECTRIC [US]) - 12 May 1993
Column 5, line 33 - column 5, line 37
Figure 2, 3
- A US5695321 A (GEN ELECTRIC [US]) - 9 December 2005
Column 6, line 28 - column 6, line 32
Figure 4 - 6

US6874988 (US20060556867)

US6997675 (US20060556867)

FR20050053357
FR20050053357

EP20060123454

Country: EP
Domestic application n°: EP06123454
Publication n°: EP1783326

Priority claims

FR20050053357 (7 November 2005)

Fri Nov 03 2006
Sat Nov 03 2007

EP20060123454
CA20062567126
RU20060139012

Application EP20060123454

< < Biblio Description Claims Original document > >

Bibliographic data: EP 1783326 (A1)

Cooling arrangement for a gas turbine blade, gas turbine blade, turbine and gas turbine engine equipped with the same

Date: 9 May 2007

DERVAUX ALEXANDRE [FR];
GUIMBARD JEAN-MICHEL BERNARD [FR]; REDON DAMIEN GILBERT ANDRE [FR]; PAPOT PASCAL
BERTRAND YVES CLA [FR]

SNECMA [FR]

ns: International: F01D5/18

European: F01D9/04B;
F01D5/18G2C;
F01D9/06C

Application number: EP20060123454 20061103

Priority number(s): FR20050053357 20051107

Abstract of EP 1783326 (A1)

The air-cooled blade (10), having an inner cavity (12) with cooling fins (24) projecting from its wall (14), contains a jacket (26) with outlet holes (28) spaced at intervals that place them between the facing cooling fins, the thickness of which is no more than a third of the distance between fins. During operation the cooling air is fed into the blade jacket, passing through the outlet holes towards the fins in a cooling flow with

Number: us5165852

Search

EP20060123454

US19900629855

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Application US19900629855

< < Biblio Description Claims Original document > >

Full document: US 5165852 (A)



US005165852A

United States Patent [19]

[11] Patent Number: 5,165,852

Lee et al.

[45] Date of Patent: Nov. 24, 1992

[54] ROTATION ENHANCED ROTOR BLADE COOLING USING A DOUBLE ROW OF COOLANT PASSAGEWAYS

0135606 7/1985 Japan 416/96 R
2100807 1/1993 United Kingdom 416/97 R

[75] Inventors: Ching-Pang Lee, Cincinnati; Theodore T. Thomas, Jr., Loveland, both of Ohio

[73] Assignee: General Electric Company, Cincinnati, Ohio

[21] Appl. No.: 629,855

[22] Filed: Dec. 18, 1990

[51] Int. Cl.: B63H 1/14

[52] U.S. Cl.: 416/97 R; 416/95

[58] Field of Search: 416/95, 97 R, 97 A, 416/96 R; 415/115

References Cited

U.S. PATENT DOCUMENTS

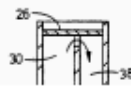
2,956,773 12/1960 French 253/39.15
3,628,885 12/1971 Sidemick 416/97
3,844,678 10/1974 Serran et al. 416/97
3,891,348 6/1975 Auxier 416/97
4,073,599 2/1978 Allen et al. 416/97
4,180,373 12/1979 Moore et al. 416/97
4,216,870 12/1980 Hucul et al. 416/97
4,257,737 3/1982 Andress et al. 416/97
4,312,624 1/1982 Steinhauer et al. 415/115
4,474,532 10/1984 Pazder 416/97
4,604,031 8/1986 Moss et al. 416/97
4,627,480 12/1986 Lee 164/369
4,684,322 8/1987 Clifford et al. 416/97 R
4,786,233 11/1988 Shizuya et al. 416/97

FOREIGN PATENT DOCUMENTS

0230917 8/1987 European Pat. Off. 416/97 R



10 Claims, 2 Drawing Sheets



Citation US2956773.A

< < Biblio Description Claims Original document > >

Full document: US 2956773 (A)

✓ - Select publication -
DE1056427
BE557503
FR1175169
CH342413
US2956773
GB834811

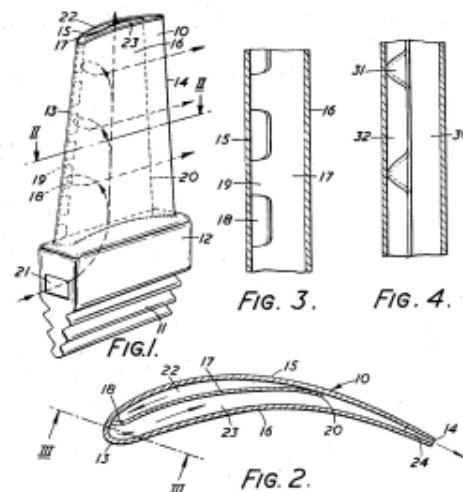
Oct. 18, 1960

M. J. FRENCH

2,956,773

COOLED HOLLOW TURBINE BLADES

Filed May 15, 1957



Number: Search


EP20060123454 US19900629855

Show CCD viewer Single inspector Timeline

Application US19900629855

Biblio Description Claims Original document

Full document: US 5165852 (A)



United States Patent

[19] **Lee et al.** [11] **Patent**

[45] **Date**

[54] **ROTATION ENHANCED ROTOR BLADE COOLING USING A DOUBLE ROW OF COOLANT PASSAGEWAYS**

[75] **Inventors:** Ching-Pang Lee, Cincinnati; Theodore T. Thomas, Jr., Loveland, both of Ohio

[73] **Assignee:** General Electric Company, Cincinnati, Ohio

[21] **Appl. No.:** 629,855

[22] **Filed:** Dec. 18, 1990

[51] **Int. Cl.⁵** B63H 1/14

[52] **U.S. Cl.** 416/97 R; 416/95

[58] **Field of Search** 416/95, 97 R, 97 A, 416/96 R; 415/115

[56] **References Cited**

U.S. PATENT DOCUMENTS

2,956,773 12/1960 French 253/39.15

3,628,885 12/1971 Sidenstick 416/97

[57] **A rotor blade su engine. The airfoi**

Citation US4604031.A

Biblio Description Claims Original document

Full document: JP 61089901 (A)

① 日本国特許庁 (J P)

② 公開特許公報 (A)

⑤ Int. Cl.⁴ 識別記号 庁内整理番号

F 01 D 5/18 7910-3G

審査請求

④ 発明の名称 中空流体冷却タービン動翼

⑥ 特 願 昭60-208543

⑦ 出 願 昭60(1985)9月20日

優先権主張 ⑧ 1984年10月4日 ⑨ イギリス (G B) ⑩ 8425092

⑪ 発 明 者 ロジャー・ウィリア イギリス国ダービー, ミ

ム・モス シン・コート 15

⑫ 発 明 者 マイケル・ハーヴェ イギリス国ダービー, リ

イ・コウニー ライブ 7

⑬ 発 明 者 デービッド・アンソニ イギリス国ダービー, ミ

ー・リチャードソン イブ 8

⑭ 出 願 人 ロールス・ロイス・リ イギリス国ロンドン市エ

- Select publication -
- US4604031
- ✓ JP61089901
- GB2165315
- FR2571428
- DE3534905

Background on citation data

Today, the patent filing process is global and requires applicants to interact with the main patent offices around the world. This process begins by filing a patent application, followed by the search and examination phases through to a patent grant.

While in the patent application phase (the initial filing in a specific patent office) the application can be concurrently filed in additional geographic areas to extend the legal protection of the invention. Such subsequent applications (or family members) are possible by the Paris Convention and add additional search and examination phases.

These multiple and parallel filings are connected by their respectively claimed priorities, which refer to initially filed application(s) that constitute a connected set of 'member' documents comprising what is known as a patent family.

Each member of a patent family is processed by the applicable regulations of the office where subsequently filed. In most cases the work of the patent office will produce reports or written communications that include a list of citation documents considered relevant to the invention.

Classifications:	International: G06F
	European: G06F

Outlook 2012

- The main task for 2012 is the optimization of the data exchanges and the associated data processing and loading.
 - New USPTO pre-grant citation data will become online in Q1/Q2
 - Rich citation data (including "PCT search report"-type passages, categories and claim information) will be tested as it becomes available
- The CCD end user application and functionality will be continuously improved.
- Two releases are planned in 2012 to fulfill requirements already collected, and to react to feedback from industry and Trilateral Offices after launching this version.
- An extension on an IP5 level of this application is foreseen. This will increase the global relevance of this tool.



Thank you for your attention!



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<http://www.trilateral.net/ccd>