

IP5 Common Citation Document & USPTO Citation List



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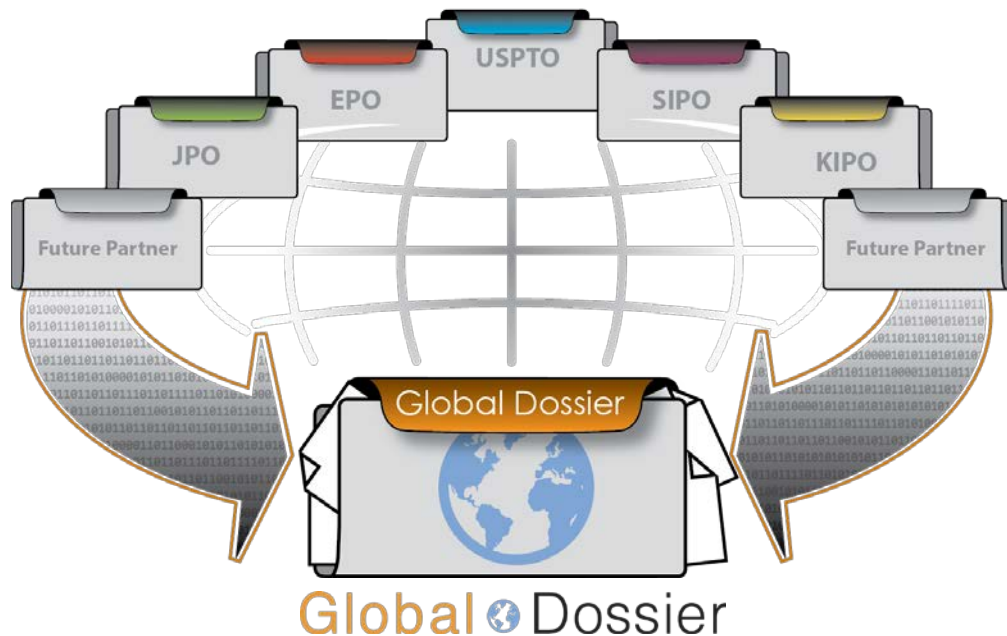
Introduction

The purpose of this bulletin is to share insights with respect to both the IP5's Common Citation Document (CCD) and the USPTO's Citation list databases that may prove useful to patent owners and/or practitioners. Please be aware that this bulletin relates to a previously issued bulletin regarding Global Dossier. For reference, the following Global Dossier definition is provided by the USPTO.

"The Global Dossier Initiative is a set of business services being developed by the IP5 Offices (USPTO, EPO, JPO, KIPO, and SIPO) aimed at modernizing the global patent system and delivering benefits to all stakeholders through a single portal/user interface. Global Dossier will provide a single, secure point of access for the management of dossier and examination information, enabling and encouraging streamlining of office procedures among different IP Offices. This will lead to improved efficiency and predictability of global patent family prosecution with increased cost savings provided to patent applicants."¹

As discussed in the previously issued bulletin, Global Dossier represents a pathway to three (3) information sources. With respect to **citation information**, both the EPO and USPTO Global Dossier portals include links to the "Common Citation Document" (CCD) website; however, only the USPTO Global Dossier portal includes a link to "Citation List". In general, three (3) sources of information, listed below, are available to the public via Global Dossier. This bulletin compares the EPO "Common Citation Document" (CCD) website to the recently introduced USPTO "Citation List" website since some differences exist and these differences may be of interest to the reader.

1. **Patent family information** (*EPO worldwide legal status database (INPADOC)*)
2. **Image file wrapper content** (*pdfs of file wrapper documents from participating offices*)
3. **Citation information** (*available from CCD via Espacenet or Citation List via Global Dossier*)



Please be aware that CIPO (Canada) and PCT / 1B documents are included in "Future Partners".

¹<https://globaldossier.uspto.gov>

Citation Information via USPTO Portals

To help illustrate the differences between the EPO and USPTO Global Dossier portals, with respect to **citation information**, a golf club head patent family was selected as a working example. Publication number, US20150038259A1, was used to lookup (<http://globaldossier.uspto.gov/#/>) the associated patent family using both the USPTO Global Dossier portal (as of 10/16/2017) as well as Espacenet (as of 10/17/2017). Please be aware that the pre-grant publication number must be entered without the “US” country code, the forward slash “/”, or the kind code “A1” present on the US pre-grant publication. If additional letters, characters, or numbers are present the number will automatically truncate. This can be inconvenient if the user is using a cut and paste technique to enter a patent application, pre-grant publication, or patent number obtained from another database.

The screenshot shows the USPTO Global Dossier interface. At the top, the search bar contains the number '20150038259'. Below the search bar, the 'Citation List' tab is selected. The search results are displayed in a table with the following columns: Office, Application, Applicant, Title, App. Date, Priority #, Pub. #, Pub. Date, and Action. The table lists several patent entries from different countries, including US, EP, CN, JP, and GB. The first entry is highlighted with a red box, and the 'View Dossier' link is also highlighted.

Office	Application	Applicant	Title	App. Date	Priority #	Pub. #	Pub. Date	Action
US	14264109	1) Sander, Raymond J.	LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD	04/29/2014	US 61862341 US 14264109	US 20150038259 A1 US 9403295 B2	02/05/2015 08/02/2016	(4) Add to ★
US	PCT/US14/44504	1) NIKE INNOVATE C.V., 2) NIKE, INC.	LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD	06/27/2014	US 61862341 US 14264109	WO 2015020784 A1	02/12/2015	(3) Add to ★
EP	14834313	1) NIKE INNOVATE C.V.	LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD	06/27/2014	US 61862341 US 14264109	EP 3030327 A1 EP 3030327 A4	06/15/2016 03/08/2017	(2) Add to ★
CN	201480044189	1) NIKE INNOVATE C.V.	Lost-core molded polymeric golf club head	06/27/2014	US 61862341 US 14264109	CN 105492086 A	04/13/2016	(1) Add to ★
JP	2016533297	1) NAKKINOVETOSHIVI	The golf club head made from polymer by which loss TOKDA molding was carried out	06/27/2014	US 61862341 US 14264109	JP 2016525439 A	08/25/2016	Add to ★
US	14593406	1) Sander, Raymond J.	POLYMERIC GOLF CLUB HEAD WITH METALLIC FACE	01/09/2015	US 14593406 US 61862341	US 20150119165 A1 US 9403071 B2	04/30/2015 08/02/2016	(3) Add to ★
US	PCT/US16/12629	1) NIKE INNOVATE C.V., 2) NIKE, INC.	POLYMERIC GOLF CLUB HEAD WITH METALLIC FACE	01/08/2016	US 14593406	WO 2016112278 A1	07/14/2016	(3) Add to ★
GB	201711141			01/08/2016	US 14593406 US PCT/US16/12629	GB 201711141 D0	08/03/2017	

This screenshot illustrates the INPADOC patent family associated with US pre-grant patent application publication US20150038259A1.

After selecting “**View Dossier**” the user will see a list of file history documents in chronological order, as shown on page 4. Please note that three viewing options are listed across the top of the “**All Documents**” screen (page 4). The list of file wrapper documents is referred to as “**All Documents**”, which is the webpage associated with selection of the “**View Dossier**” hyperlink. If the user selects the “**Patent Family**” viewing option, Global Dossier will return to the webpage shown above. In other words, when a user enters an application, pre-grant publication, or patent number the “**Patent Family**” webpage appears by default. Lastly, selecting the “**Classification & Citation**” information option will deliver a webpage (not shown) that provides IPC classification, patent citation, and non-patent literature citation information, but not CPC information. The user should not be confused by the USPTO’s Global Dossier “**Classification & Citation**” webpage in comparison to “**Common Citation Document**” and “**Citation List**”. All three (3) relate to citation information, but each represents a different means for obtaining citation information.

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Global Dossier

Home Public Pair Common Citation Document Citation List **BETA** Service Availability Help Email us

Application Number US 14264109 Patent Family All Documents Classification & Citation Collections 0 History 2

US 14264109 (US 20150038299 A1 , US 9405295 B2) 68 (68) documents

Documents: View All -

Description	Date	Code	Group	Options
Certificate of Correction - Post Issue Communication	10/11/2016	COCOUT	2	...
Request for Certificate of Correction	08/23/2016	COCIN	4	...
EFS Acknowledgment Receipt	08/23/2016	N417	2	...
Request for Certificate of Correction	08/23/2016	COCIN	4	...
Issue Notification	07/13/2016	ISSUE.NTF	unknown	...
Claims	07/02/2016	CLM	1	...
Notice of Allowance and Fees Due (PTOL-85)	07/01/2016	NOA	23.2	...
Index of Claims	07/01/2016	FWCLM	5	...
EFS Acknowledgment Receipt	06/01/2016	N417	2	...
Issue Fee Payment (PTO-85B)	06/01/2016	IFEE	4	...
Fee Worksheet (SD06)	06/01/2016	WFFF	5	...
Miscellaneous Incoming Letter	06/01/2016	LET.	4	...

No Document Selected
To view the Document, please select one from the list

When viewing either the USPTO Global Dossier home page, or after completing a corresponding Global Dossier search, the user will see hyperlinks to both “[Common Citation Document](#)” and the newly introduced USPTO “[Citation List](#)” at the top of the either webpage (as shown below). Please be aware that “[Common Citation Document](#)” is not technically part of Global Dossier, but represents a separate IP5 initiative and is discussed on pages 9 through 12 of this bulletin. As illustrated in the next section, if the USPTO Global Dossier user selects “[Citation list](#)”, the “[Citation list](#)” webpage will appear (see page 5).

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Global Dossier

Home Public Pair Common Citation Document **Citation List BETA** Service Availability Help Email us

Application Number US 14264109 Patent Family All Documents Classification & Citation Collections 0 History 2

Citation List

By selecting the previously discussed [Citation List](#) hyperlink, the user will be directed to the USPTO Global Dossier [Citation List](#) webpage where the user must enter the patent application, pre-grant publication, or patent number of interest and select the search icon.

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Global Dossier Citation List

Home Public Pair Common Citation Document Citation List BETA Help Email us

Office: US Type: Pre-grant Publication 20150038259 [Search Icon]

Welcome to
Global Dossier
Citation List BETA

As part of the Global Dossier Initiative, the USPTO is pleased to announce the beta release of the Citation List. The Citation List is part of the USPTO's ongoing efforts to provide a more comprehensive listing of relevant citations that are available in related applications that share a common priority claim.

The Citation List service currently comprises the same data found in the Common Citation Document. The USPTO plans on incorporating additional data sources to enhance the comprehensiveness and consistency of the citation data provided.

During the beta, the USPTO hopes to receive feedback from users on future enhancements and functionality to be included in subsequent releases of the Citation List. Users may submit their feedback to GlobalDossier@uspto.gov or through the [Ideascale website](#).

Cited patent literature will appear as shown, for all members of the associated patent family.

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Global Dossier Citation List

Home Public Pair Common Citation Document Citation List BETA Help Email us

Office: US Type: Pre-grant Publication 20150038259 [Search Icon]

US 20150038259 Lost-core molded polymeric golf club head VIEW PATENT FAMILY

Filters: 22 Total Citations, 22 Currently Shown

CITATIONS IN PATENT FAMILY

Patent Number	Title	Inventor	Date
US 20060240908/A1	Golf club head	ADAMS EDWIN H, REED TIM, ROBERTS CLIVE	10/26/2006
US 6050904/A	Golf club head		04/18/2000
US 4614627/A	Method of injection molding a thermoplastic hollow or hollow foam filled one piece head of a golf club	DUNLOP LTD	09/30/1986
US 6508978/B1	Golf club head with weighting member and method of manufacturing the same	CALLAWAY GOLF CO	01/21/2003
US 4472092/A	Fabrication of metal shell golf club heads	SCHMIDT GLENN H	09/18/1984
US 6824636/B2	Method of manufacturing a composite golf club head	RADIUS ENG INC	11/30/2004
US 6623378/B2	Method for manufacturing and golf club head	TAYLOR MADE GOLF CO	06/23/2003
US 6146571/A	Method of manufacturing a golf club head by plastic injection using inserts meltable core, and a golf club head manufactured by the method	TAYLOR MADE GOLF CO	11/14/2000
US 20110236699/A1	WORK PIECE COMPRISING METAL POLYMER COMPOSITE WITH METAL INSERT	TUNDRA COMPOSITES LLC	09/29/2011
US 20080194355/A1	Composite Golf Club Head and Fabrication Method Thereof	LIU CHENG-KUNG	08/14/2008
US 20050026723/A1	Golf club head		02/03/2005
US 4883623/A	Method for producing a golf club head	YAMAHA CORP	11/28/1989
US 4464324/A	Apparatus and method for injection moulding of plastic parts of irregular shape, hollow or undercut form	OZEN	08/07/1984
US 20130178305/A1	GOLF CLUB HEAD WITH MULTI-COMPONENT CONTRUCTION	BENO TIM A, BREIER JOSHUA G, CURTIS ANDREW, MCDONNELL MICHAEL T, MITZEL STEVEN M, MORRIS THOMAS C, PREECE THOMAS W, SORACCO PETER L, COBRA GOLF INC	07/11/2013
US 5614143/A	Hollow body such as a golf-club head, made of molded thermoplastic material comprising an imprisoned insert, and method for the manufacture thereof	OZEN SA	03/25/1997

Citation Information via EPO Portals

The EPO provides citation information via the Espacenet and Common Citation Document websites, but not through Global Dossier. To demonstrate, Espacenet will be used to retrieve patent family and citation information for US20150038259A1. After entering US20150038259A1 into Espacenet, the user must select the corresponding publication from the search results list to retrieve the “Bibliographic data” webpage (see page 7).

(https://worldwide.espacenet.com/advancedSearch?locale=en_EP)

The screenshot displays the Espacenet Patent search website. At the top, there is a header with the Espacenet logo and navigation options in German, English, and French. Below the header, a navigation bar includes links for 'About Espacenet', 'Other EPO online services', 'Search', 'Result list', 'My patents list (0)', 'Query history', 'Settings', and 'Help'. The main content area shows a search result for 'US20150038259' with the title 'LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD' highlighted in red. The result details include the inventor (SANDER RAYMOND J [US]), applicant (NIKE INC [US]), CPC codes (A63B2053/0416, A63B2053/042, A63B2053/0458 (+7)), IPC codes (A63B53/04, B29C33/12, B29C33/76), publication info (US 2015038259 (A1), 2015-02-05, US 9403295 (B2), 2016-06-02), and priority date (2013-08-05). A 'Quick help' section on the left provides links to various user guides, and a 'Related links' section is at the bottom left.

Please note that Espacenet dropped one of the zeros in the publication number and reports it as US2015038259A1; however, Espacenet's search engine will retrieve the correct patent document record if the user enters two zeros or a single zero. Both cited and citing patent documents may be accessed using the left-hand menu.

Refine search → Results → US2015038259 (A1)

US2015038259 (A1)
Bibliographic data
Description
Claims
Mosaics
Original document
Cited documents
Citing documents
INPADOC legal status
INPADOC patent family

Quick help —

- [What is meant by high quality text as facsimile?](#)
- [What does A1, A2, A3 and B stand for after a European publication number?](#)
- [What happens if I click on "In my patents list"?](#)
- [What happens if I click on the "Register" button?](#)
- [Why are some sidebar options deactivated for certain documents?](#)
- [How can I bookmark this page?](#)
- [Why does a list of documents with the heading "Also published as" sometimes appear, and what are these documents?](#)
- [Why do I sometimes find the abstract of a corresponding document?](#)
- [What happens if I click on the red "patent translate" button?](#)
- [What is Global Dossier?](#)

Bibliographic data: US2015038259 (A1) — 2015-02-05

★ In my patents list Report data error Print

LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD

Page bookmark	US2015038259 (A1) - LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD
Inventor(s):	SANDER RAYMOND J [US] ±
Applicant(s):	NIKE INC [US] ±
Classification:	- international: A63B53/04; B29C33/12; B29C33/76 - cooperative: A63B53/04; A63B53/0466; B29C33/76; B29C45/4457; A63B2053/0416; A63B2053/042; A63B2053/0458; A63B2053/0491; B29C45/14336; B29K2101/00
Application number:	US201414264109 20140429 i Global Dossier
Priority number(s):	US201414264109 20140429 ; US201361862341P 20130805
Also published as:	CN105492086 (A) EP3030327 (A1) → EP3030327 (A4) JP2016525439 (A) US9403295 (B2) → more

Abstract of US2015038259 (A1)

Translate this text into patenttranslate powered by EPO and Google

A method of forming a golf club head includes forming a core of the golf club head from a material having a first melting temperature and affixing a club face to the core. The club face includes a first, hitting surface, a second surface that is opposite the first surface, and a locking feature. A body is then molded about the core and such that it surrounds at least a portion of the locking feature, the body formed from a polymeric material having a second melting temperature that is greater than the first melting temperature. Finally, the core is removed from within the body.

Patent documents that have been cited during the prosecution of US20150038259A1 may be identified by selecting “Cited Documents” from the menu shown on the left-hand side of the “Bibliographic data” webpage whereas any published patent applications / issued patents citing US20150038259A1 may be identified by selecting “Citing Documents”. Please note that the “Cited Documents” count is not consistent with that identified within the USPTO Global Dossier portal because Espacenet has NOT included applicant cited references.

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Refine search → Results → US2015038259 (A1)

US2015038259 (A1)
Bibliographic data
 Description
 Claims
 Mosaics
 Original document
Cited documents
 Citing documents
 INPADOC legal status
 INPADOC patent family

Bibliographic data: US2015038259 (A1) — 2015-02-05
 ★ in my patents list Report data error Print

LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD

Page bookmark [US2015038259 \(A1\) - LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD](#)

Inventor(s): SANDER RAYMOND J [US] ±

Applicant(s): NIKE INC [US] ±

Classification: - international: [A63B53/04](#); [B29C33/12](#); [B29C33/76](#)

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Refine search → Results → US2015038259 (A1) → Citations

US2015038259 (A1)
 Bibliographic data
 Description
 Claims
 Mosaics
 Original document
Cited documents
 Citing documents
 INPADOC legal status
 INPADOC patent family

Cited documents: US2015038259 (A1) — 2015-02-05
 Select all (0/1) Compact Export (CSV | XLS) Download covers CCD Print

1 document cited in relation to US2015038259 (A1)

Patents cited in the search report

1. Golf club head

★ Inventor:	Applicant:	CPC:	IPC:	Publication info:	Priority date:
KUO ALLEN H W [TW]	KUO, ALLEN H. W	A63B2053/0416 A63B2053/042 A63B2209/00 (+3)	A63B53/04 (IPC1-7): A63B53/04	US6050904 (A) 2000-04-18	1998-10-27

Quick help
 → What are cited documents?
 → Can I export this list?
 → What happens if I click on "Download covers"?
 → What happens if I click on the star icon?

Espacenet Patent search
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 Change country

About Espacenet Other EPO online services
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Refine search → Results → US2015038259 (A1) → Citations

US2015038259 (A1)
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 Claims
 Mosaics
 Original document
 Cited documents
Citing documents
 INPADOC legal status
 INPADOC patent family

Citing documents: US2015038259 (A1) — 2015-02-05
 Print

0 documents citing US2015038259 (A1)

Quick help
 → Can I export this list?
 → What happens if I click on "Download covers"?
 → What are citing documents?
 → Why do some documents not have any citing documents?
 → What happens if I click on the star icon?

Espacenet users may access citation (cited and citing) information through Espacenet OR may access citation information (cited ONLY) through the **Common Citation Document (CCD)** website. A **CCD** hyperlink may be found on either the **“Cited Document”** or on the **“INPADOC patent family”** (not shown) webpages. As an alternative, users may access **CCD** directly (see URL).

<http://ccd.fiveipoffices.org/CCD-2.1.6/>

The **CCD** webpage, shown on the page 10, displays the cited documents associated with the simple patent family.

Common Citation Document database

After selecting the **CCD** icon, found on the Espacenet webpage, cited patent references with respect to the patent family associated with published patent application US2015038259A1 will appear. **CCD** organizes cited references (patent and NPL) by simple patent family and references the source of cited reference information (National Search Report, International Search Report, or Applicant). The number of simple patent families is noted in the lower left-hand corner of the webpage. The next simple patent family, of the extended patent family, may be added to the result set by using the drop-down menu shown in a lower-center position.

The screenshot displays the CCD Viewer interface with the following components:

- Top Bar:** Includes 'Hide CCD viewer', 'Double inspector', and 'Timeline' options.
- Navigation:** 'Citations only view', 'Compact view', 'Sort by country', and 'Filter' buttons.
- Main Table:** A table with columns for '#', 'CC', 'Cat.', 'Citation details', and 'Claims'. It lists five patent families:
 - Family 1 (JP):** Application N° JP20160533297 (JP2016533297) - 27 June 2014.
 - Family 2 (CN):** Application N° CN2014844189 (CN2014800441892) - 27 June 2014. Includes citations from US6050904 A, CN2408926 Y, JP2002253710 A, and US2006240908 A1.
 - Family 3 (WO):** Application N° WO2014US44504 (WOUS2014/044504) - 27 June 2014. Includes citations from US4614627 A, US2006240908 A1, US608978 B1, US6623378 B2, US6824636 B2, and US4472092 A.
 - Family 4 (EP):** Application N° EP20140834313 (EP14834313.0) - 27 June 2014. Includes citations from US6146571 A, US6050904 A, and US5697854 A.
 - Family 5 (US):** Application N° US201414264109 (US14264109) - 29 April 2014. Includes citations from US6050904 A and US6050904 A.
- Inspector Panel:** Titled 'Inspector: classifications and fields searched', it shows classification codes for JP, CN, WO, EP, and US, including IPC and CPC codes.
- Fields Searched:** Shows 'EP' with IPC code A63B.
- Bottom Bar:** Contains 'Simple families: 1/2', 'Total family members: 5/9', and a 'Get next family' dropdown menu.

The IP5 **Common Citation Document** (CCD) database includes features not currently available in USPTO “Citation List”. As an example, **CCD** provides a feature referred to as “**Double inspector**”. If the user selects “**Double inspector**”, with respect to the patent family of US2015038259A1, two (2) family members are shown side by side when the user right clicks his/her cursor control device to select the second patent family member.

CCD Viewer interface showing the "Double inspector" button highlighted in a red box. The main table lists patent applications:

#	CC	Cat.	Citation details	Claims
1	JP		Application N° JP20160533297 (JP201653297) - 27 June 2014	
2	CN		Application N° CN2014844189 (CN2014800441892) - 27 June 2014	
		Y	US4614627 A (DUNLOP LTD [GB]) - 30 September 1986 * 说明书第2栏第15行至第3栏45行及附图1 - 4 *	1-20
		Y	US6050904 A (KUO, ALLEN H. W) - 18 April 2000 * 说明书第2栏及附图1 - 9 *	1-20
		A	CN2408920 Y (CHEN QINGQI [CN]) - 6 December 2000 * 全文 *	1-20
		A	JP2002253710 A (CHOO SEIGEN) - 10 September 2002 * 全文 *	1-20
		A	US2006240908 A1 - 26 October 2006 * 全文 *	1-20
3	WO		Application N° WO2014US44504 (WOUS2014/044504) - 27 June 2014	
		Y	US4614627 A (DUNLOP LTD [GB]) - 30 September 1986	
		Y	US2006240908 A1 - 26 October 2006	
		A	US6508978 B1 (CALLAWAY GOLF CO [US]) - 21 January 2003	
		A	US6623378 B2 (TAYLOR MADE GOLF CO [US]) - 23 September 2003	
		A	US6824636 B2 (RADIUS ENG INC [US]) - 30 November 2004	
		A	US4472092 A (SCHMIDT GLENN H) - 18 September 1984	
4	EP		Application N° EP20140834313 (EP14834313.0) - 27 June 2014	

The right-hand 'Inspector' panel shows classification codes for JP, CN, WO, EP, and US.

CCD Viewer interface showing the "Single inspector" button. The main table lists patent applications:

#	CC	Cat.	Citation details	Claims
		Y	US4614627 A (DUNLOP LTD [GB]) - 30 September 1986	
		Y	US2006240908 A1 - 26 October 2006	
		A	US6508978 B1 (CALLAWAY GOLF CO [US]) - 21 January 2003	
		A	US6623378 B2 (TAYLOR MADE GOLF CO [US]) - 23 September 2003	
		A	US6824636 B2 (RADIUS ENG INC [US]) - 30 November 2004	
		A	US4472092 A (SCHMIDT GLENN H) - 18 September 1984	
3	WO		Application N° WO2014US44504 (WOUS2014/044504) - 27 June 2014	
		Y	US4614627 A (DUNLOP LTD [GB]) - 30 September 1986	
		Y	US2006240908 A1 - 26 October 2006	
		A	US6508978 B1 (CALLAWAY GOLF CO [US]) - 21 January 2003	
		A	US6623378 B2 (TAYLOR MADE GOLF CO [US]) - 23 September 2003	
		A	US6824636 B2 (RADIUS ENG INC [US]) - 30 November 2004	
		A	US4472092 A (SCHMIDT GLENN H) - 18 September 1984	
4	EP		Application N° EP20140834313 (EP14834313.0) - 27 June 2014	
		X	US6146571 A (TAYLOR MADE GOLF CO [US]) - 14 November 2000 * column 4, line 54 - column 7, line 37; figures 1 - 29 *	1,3,4,6-9,11-15
		I	US6050904 A (KUO, ALLEN H. W) - 18 April 2000 * column 1, line 66 - column 2, line 48; figures 1 - 10 *	12-15
		A	US5697854 A (DAIWA SEIKO INC [JP]) - 16 December 1997 * column 3, line 51 - column 8, line 29; figures 1 - 12 *	1-15
5	US		Application N° US201414264109 (US14264109) - 29 April 2014	
			US6050904 A (KUO, ALLEN H. W) - 18 April 2000	
			US6050904 A (KUO, ALLEN H. W) - 18 April 2000	

The right-hand 'Inspector' panel shows detailed bibliographic data and abstracts for Application WO2014US44504 and Application US2015038259 (A1).

Another CCD feature not currently available in USPTO “Citation List” is referred to as “Timeline”. This feature allows the user to view the chronological history of the patent family and may be used in conjunction with either “Single inspector or “Double inspector”.

The screenshot displays the CCD Viewer interface for Application WO2014US44504. The 'Timeline' button is highlighted in red. The timeline shows the progression of the patent family from WO2014US44504 to EP20140834313, then to US201414264109, and finally to US201361862341P. The interface also displays citation details for various patents and bibliographic data for the selected application.

Timeline:

- WO2014US44504
- EP20140834313
- US201414264109
- US201361862341P

Citation details for Application WO2014US44504:

- Y US4614627 A (DUNLOP LTD [GB]) - 30 September 1986
- Y US200624090B A1 - 26 October 2006
- A US6508978 B1 (CALLAWAY GOLF CO [US]) - 21 January 2003
- A US6623370 B2 (TAYLOR MADE GOLF CO [US]) - 23 September 2003
- A US6824636 B2 (RADIUS ENG INC [US]) - 30 November 2004
- A US4472092 A (SCHMIDT GLENN H) - 18 September 1984

Bibliographic data for WO 2015020734 (A1):

- Publication date:** 12 February 2015
- Inventor(s):** SANDER RAYMOND J [US]
- Applicant(s):** NIKE INNOVATE CV [US]; NIKE INC [US]
- Classifications:** International: A63B53/04
- Cooperative:** A63B53/04; B29C45/4457; A63B53/0466; A63B2053/0458; B29C45/14336; A63B2053/0491
- Application number:** WO2014US44504 20140627
- Priority number(s):** US201361862341P 20130805; US201414264109 20140429

Bibliographic data for US 2015038259 (A1):

- Publication date:** 5 February 2015
- Inventor(s):** SANDER RAYMOND J [US]
- Applicant(s):** NIKE INC [US]
- Classifications:** International: A63B53/04; B29C33/12; B29C33/76
- Cooperative:** A63B53/04; B29C45/4457; A63B53/0466; A63B2053/0458; B29C45/14336; A63B2053/0491
- Application number:** US201414264109 20140429
- Priority number(s):** US201414264109 20140429; US201361862341P 20130805

Abstract of US 2015038259 (A1)

A method of forming a golf club head includes forming a core of the golf club head from a material having a first melting temperature and affixing a club face to the core. The club face includes a first, hitting surface, a second surface that is opposite the first surface, and a locking feature. A body is then molded about the core and such that it surrounds at least a portion of the locking feature, the body formed from a polymeric material having a second melting temperature that is greater than the first melting temperature. Finally, the core is removed from within the body.

Cited Data Comparison

In reference to the [CCD](#) webpage, with respect to US2015038259A1 as previously discussed on page 10, please note that [CCD](#) lists exactly the same cited references for the EP family member (publication number EP3030327A1, application number EP14834313) as that found on the “Classifications & Citation” page provided by USPTO Global Dossier. The comparison is shown below.

The screenshot shows the CCD Viewer interface for application EP20140834313. The main table lists cited references, with the entry for EP20140834313 highlighted in red. The right-hand panel shows the classification and fields searched for the application.

#	CC	Cat.	Citation details	Claims
1	JP		Application N° JP20160533297 (JP2016533297) - 27 June 2014	
2	CN		Application N° CN2014844189 (CN2014800441892) - 27 June 2014	
	Y		US4614627 A (DUNLOP LTD [GB]) - 30 September 1996 * 说明书第2栏第15行至第3栏45行及附图1 - 4 *	1-20
	Y		US6050904 A (KUO, ALLEN H. W) - 18 April 2000 * 说明书第2栏及附图1 - 9 *	1-20
	A		CN2408920 Y (CHEN QINGQI [CN]) - 6 December 2000 * 全文 *	1-20
	A		JP2002253710 A (CHOO SEIGEN) - 10 September 2002 * 全文 *	1-20
	A		US2006240908 A1 - 26 October 2006 * 全文 *	1-20
3	WO		Application N° WO2014US44504 (WOUS2014/044504) - 27 June 2014	
	Y		US4614627 A (DUNLOP LTD [GB]) - 30 September 1996	
	Y		US2006240908 A1 - 26 October 2006	
	A		US6508978 B1 (CALLAWAY GOLF CO [US]) - 21 January 2003	
	A		US6623378 B2 (TAYLOR MADE GOLF CO [US]) - 23 September 2003	
	A		US6824636 B2 (RADIUS ENG INC [US]) - 30 November 2004	
	A		US4472092 A (SCHMIDT GLENN H) - 18 September 1984	
4	EP		Application N° EP20140834313 (EP14834313.0) - 27 June 2014	
	X		US6146571 A (TAYLOR MADE GOLF CO [US]) - 14 November 2000 * column 4, line 54 - column 7, line 37; figures 1 - 29 *	1,3,4,6-9,11-15
	I		US6050904 A (KUO, ALLEN H. W) - 18 April 2000 * column 1, line 66 - column 2, line 48; figures 1 - 10 *	12-15
	A		US5697854 A (DAIWA SEIKO INC [JP]) - 16 December 1997 * column 3, line 51 - column 8, line 29; figures 1 - 12 *	1-15

Inspector: classifications and fields searched

Classifications

JP
IPC: A63B53/04
CPC: A63B53/04, B29C45/4457, A63B53/0466, A63B2053/0458, B29C45/14336, A63B2053/0491

CN
IPC: A63B53/04, A63B102/32
CPC: A63B53/04, B29C45/4457, A63B53/0466, A63B2053/0458, B29C45/14336, A63B2053/0491

WO
IPC: A63B53/04
CPC: A63B53/04, B29C45/4457, A63B53/0466, A63B2053/0458, B29C45/14336, A63B2053/0491

EP
IPC: A63B53/04, B29C45/14, B29C45/44
CPC: A63B53/04, B29C45/4457, A63B53/0466, A63B2053/0458, B29C45/14336, A63B2053/0491

US
IPC: A63B53/04, B29C33/12, B29C33/76
CPC: A63B53/04, B29C45/4457, A63B53/0466, A63B2053/0458, B29C45/14336, A63B2053/0491

Fields searched

EP
IPC: A63B

The screenshot shows the USPTO Global Dossier interface for application EP 14834313. The 'Classification Data' section is visible, followed by the 'Citation Data' section, which is highlighted with a red box.

Classification Data


IPC8
B29C45/44

CPC
A63B2053/0458, A63B2053/0491

Citation Data

CITED BY	CITED IN	PUBLICATION/PATENT NUMBER
examiner	national-search-report	US6146571/A
examiner	national-search-report	US6050904/A
examiner	national-search-report	US5697854/A

In contrast to [CCD](#) and USPTO Global Dossier, the Espacenet “Cited Documents” webpage for EP3030327A1 lists the international search report references rather than only the results associated with the national search report.



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US2015038259 (A1) → Family → EP3030327 (A1) → Citations

EP3030327 (A1)

Bibliographic data

Description

Claims

Mosaics

Original document

Cited documents

Citing documents

INPADOC legal status

INPADOC patent family

Cited documents: EP3030327 (A1) — 2016-06-15

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6 documents cited in relation to EP3030327 (A1)

Sort by Priority date Sort order Descending

International search citation

1. Method of injection molding a thermoplastic hollow or hollow foam filled one piece head of a golf club
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>★ Inventor: CURTIS MICHAEL E [GB] HAINES ROBERT C [GB]</p> </div> <div style="width: 20%;"> <p>Applicant: DUNLOP LTD [GB]</p> </div> <div style="width: 20%;"> <p>CPC: B29C33/52 B29C45/4457 B29K2101/12 (+5)</p> </div> <div style="width: 20%;"> <p>IPC: A63B53/04 B29C33/52 B29C35/00 (+5)</p> </div> <div style="width: 20%;"> <p>Publication info: US4614627 (A) 1986-09-30</p> </div> <div style="width: 20%;"> <p>Priority date: 1982-10-05</p> </div> </div>
2. Golf club head
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>★ Inventor: ADAMS EDWIN H [US] REED TIM [US] (+1)</p> </div> <div style="width: 20%;"> <p>Applicant:</p> </div> <div style="width: 20%;"> <p>CPC: A63B2053/0433 A63B2053/0437 A63B2053/045 (+4)</p> </div> <div style="width: 20%;"> <p>IPC: A63B53/00</p> </div> <div style="width: 20%;"> <p>Publication info: US2006240908 (A1) 2006-10-26</p> </div> <div style="width: 20%;"> <p>Priority date: 2005-02-25</p> </div> </div>
3. Golf club head with weighting member and method of manufacturing the same
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>★ Inventor: DESHMUKH UDAY V [US]</p> </div> <div style="width: 20%;"> <p>Applicant: CALLAWAY GOLF CO [US]</p> </div> <div style="width: 20%;"> <p>CPC: A63B2053/0433 A63B2053/0491 A63B2209/00 (+4)</p> </div> <div style="width: 20%;"> <p>IPC: A63B53/04 A63B53/06 (IPC-1-7): B22F3/14 (+2)</p> </div> <div style="width: 20%;"> <p>Publication info: US6508978 (B1) 2003-01-21</p> </div> <div style="width: 20%;"> <p>Priority date: 2000-05-31</p> </div> </div>
4. Method for manufacturing and golf club head
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>★ Inventor: BEACH TODD P [US] ZEDELMAYER ERIK [US]</p> </div> <div style="width: 20%;"> <p>Applicant: BEACH TODD P, ZEDELMAYER ERIK, (+1)</p> </div> <div style="width: 20%;"> <p>CPC: A63B2053/0416 A63B2053/0433 A63B2053/0437 (+9)</p> </div> <div style="width: 20%;"> <p>IPC: A63B53/04 (IPC-1-7): A63B53/04</p> </div> <div style="width: 20%;"> <p>Publication info: US2002187853 (A1) 2002-12-12 US6623378 (B2) 2003-09-23</p> </div> <div style="width: 20%;"> <p>Priority date: 2001-06-11</p> </div> </div>
5. Method of manufacturing a composite golf club head
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>★ Inventor: NELSON RONALD H [US] MILOVICH DIMITRIJE [US] (+2)</p> </div> <div style="width: 20%;"> <p>Applicant: NELSON RONALD H, MILOVICH DIMITRIJE, (+3)</p> </div> <div style="width: 20%;"> <p>CPC: A63B2209/023 A63B53/04 B29C33/40 (+10)</p> </div> <div style="width: 20%;"> <p>IPC: B29C33/40 B29C33/52 B29C70/44 (+3)</p> </div> <div style="width: 20%;"> <p>Publication info: US2002190439 (A1) 2002-12-19 US6824636 (B2) 2004-11-30</p> </div> <div style="width: 20%;"> <p>Priority date: 1997-04-23</p> </div> </div>
6. Fabrication of metal shell golf club heads
<div style="display: flex; justify-content: space-between;"> <div style="width: 20%;"> <p>★ Inventor: SCHMIDT GLENN H [US]</p> </div> <div style="width: 20%;"> <p>Applicant: SCHMIDT GLENN H</p> </div> <div style="width: 20%;"> <p>CPC: B22C9/04</p> </div> <div style="width: 20%;"> <p>IPC: B22C9/04 (IPC-1-7): B22C13/12 B22C9/04</p> </div> <div style="width: 20%;"> <p>Publication info: US4472092 (A) 1984-09-18</p> </div> <div style="width: 20%;"> <p>Priority date: 1982-08-09</p> </div> </div>

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The USPTO's **Citation List** provides the cited references for the entire patent family, which includes the results of both the EP national search report and the international search report; however, the office designations in the left-hand column DO NOT designate the results of any particular national office search. These designations simply identify the country codes associated with the cited patent references.

The screenshot displays the USPTO Global Dossier Citation List for patent US 9403295, titled "Lost-core molded polymeric golf club head". The interface includes a search bar with "Office" set to "US" and "Type" set to "Patent". The search results are filtered to show 24 total citations, with 24 currently shown. The filters on the left are: All IPS Offices (22), EP (0), JP (1), KR (0), CN (1), US (20), Non-IPS Offices (0), and Non Patent Literature (2). The citations list includes:

Count	Patent Reference	Title	IPC Class	Date
6	US 6050904/A	Golf club head		04/18/2004
6	US 20060240908/A1	Golf club head ADAMS EDWIN H, REED TIM, ROBERTS CLIVE		10/26/2006
4	US 4614627/A	Method of injection molding a thermoplastic hollow or hollow foam filled one piece head of a golf club DUNLOP LTD		09/30/1991
3	US 20050026723/A1	Golf club head		02/03/2005
3	US 20130178305/A1	GOLF CLUB HEAD WITH MULTI-COMPONENT CONTRUCTION BENO TIM A, BREIER JOSHUA G, CURTIS ANDREW, MCDONNELL MICHAEL T, MITZEL STEVEN M, MORRIS THOMAS C, PREECE THOMAS W, SORACCO PETER L, COBRA GOLF INC		07/11/2013
3	US 4472092/A	Fabrication of metal shell golf club heads SCHMIDT GLENN H		09/18/1991
3	US 20080194355/A1	Composite Golf Club Head and Fabrication Method Thereof LIU CHENG-KUNG		08/14/2008
3	US 6508978/B1	Golf club head with weighting member and method of manufacturing the same CALLAWAY GOLF CO		01/21/2005
3	US 6824636/B2	Method of manufacturing a composite golf club head RADIUS ENG INC		11/30/2005
3	US 6146571/A	Method of manufacturing a golf club head by plastic injection using inserts meltable core, and a golf club head manufactured by the met... TAYLOR MADE GOLF CO		11/14/2000

In summary, with respect to both the simple and extended patent families of published patent application US20150038259A1, the USPTO's "Citation List" reports 22 cited patent references for the extended patent family while the EPO's "Common Citation Document" database reports 25 cited patent references for the extended patent family. Please be aware that the "Common Citation Document" database includes duplicates. In other words, the CN national search report for published family member CN105492086A lists US6050904A as a cited reference and the EP national search report for published family member EP3030327A1 cites the same patent reference. USPTO "Citation List" does not include duplicates; however, it does not organize cited references by either search authority or simple family. The table on page 16 illustrates the significance of duplicate cited references from various national search and international search reports. The highlighted patent application publications, shown on page 16, represent cited patent references that were present in the EPO's "Common Citation Document" database report, but were not present in the USPTO's "Citation List" report as of 1/7/2018.

Cited References	Extended Patent Family of US20150038259A1							
	Simple Patent Family of US20150038259A1					Simple Patent Family of US9403295		
	SIPO Search	Int'l Search	EPO Search	USPTO Examiner Search	USPTO Applicant Search	International Search	Combined National Searches	USPTO Applicant Search
CN2408920Y	*							
JP2002253710A	*							
US20050026723A1						*	*	*
US20050266933A1							*	
US20060240908A1	*	*			*	*	*	*
US20080194355A1						*	*	*
US20100041490A1							*	
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US20130178305A1						*	*	*
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US4464324A					*		*	*
US4472092A		*			*		*	*
US4614627A	*	*			*		*	*
US4883623A					*		*	*
US5614143A					*		*	*
US5697854A			*					
US6050904A	*		*	*		*	*	
US6146571A			*		*		*	
US6162130A							*	
US6508978B1		*			*		*	*
US6623378B2		*			*		*	*
US6648774B1							*	
US6824636B2		*			*		*	*
25	5	6	3	1	11	6	22	13

The user is encouraged to check multiple sources of citation information such as the USPTO's Global Dossier Classifications & Citation portal, the USPTO's Citation List portal, Espacenet "Cited documents", and the IP5's Common Citation Database.

Summary

The USPTO Global Dossier portal, Espacenet, and Common Citation Database portals provide a combined means for identifying the extended INPADOC patent family and cited patent document/non-patent literature information with respect to patent applications of interest. This information may prove useful in conjunction with any type of patent search, and particularly with respect to patentability or invalidity studies. The reader may have access to other fee-based patent search systems and associated databases; however, alternative free sources of INPADOC patent family and cited reference information may prove beneficial. If the reader requires the most up-to-date patent family and citation information available, the reader is encouraged to check more than one data source. The following comparison table lists the key USPTO Global Dossier Citation List portal, Espacenet, and CCD portal features discussed in this bulletin.

	USPTO Global Dossier Portal	Espacenet ONLY	“Common Citation Document”	“Citation List” via USPTO
INPADOC Patent Family	Yes	Yes	Yes	Yes
Cited Patent References	Yes	Yes	Yes	Yes
Cited Non-Patent References	Yes	Yes	Situation Dependent	Situation Dependent
Citing Patent References	No	Yes	No	No
Citing Non-Patent References	No	No	No	No
IPC Information	Yes	Yes	Yes	No
Reference Inspector	No	No	Yes	No
Timeline	No	No	Yes	No
Help	Yes	Yes	No	Yes