

# Global Dossier



**Ford Khorsandian, Ellen Krabbe, Steve Sampson**

*This paper was created by the authors for the Intellectual Property Owners Association Patent Search Committee to provide background to IPO members. It should not be construed as providing legal advice or as representing the views of IPO.*

## Introduction

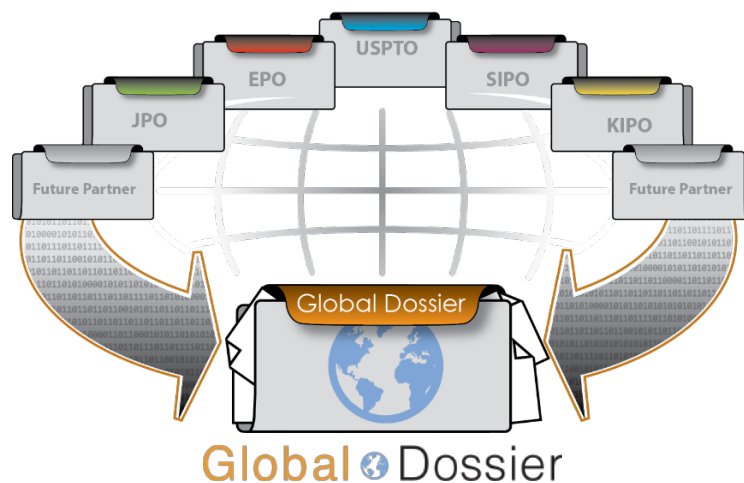
The purpose of this bulletin is to share insights with respect to Global Dossier that may prove useful to patent owners and/or practitioners. For those who may be unfamiliar with Global Dossier, here is the definition provided by the USPTO.

“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.”<sup>1</sup>

The USPTO description discusses a single portal/user interface; however, more than one portal/user interface currently exists with respect to other IP5 members. That being said, all Global Dossier data is the same with the understanding that data synchronization timing may result in some differences between a participating patent office’s information and that presented through a Global Dossier portal. The purpose of this bulletin is to compare the USPTO portal to that of the EPO since some differences exist and these differences may be of interest to the reader.

Global Dossier represents a pathway to two (2) information sources; however, both the EPO’s Global Dossier portal and the USPTO Global Dossier portal include links to the “Common Citation Document” (CCD) database. In general, the following three (3) sources of information are available to the general public via Global Dossier. Citation information from CCD and Citation List (listed below) are discussed in a different bulletin.

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”.

<sup>1</sup> <https://globaldossier.uspto.gov/#/>

## Global Dossier USPTO Portal

The Global Dossier portal, provided by the USPTO, is illustrated below to highlight currently participating Global Dossier offices. In addition to the IP 5 offices, the WIPO and WIPO CASE (Centralized Access to Search and Examination) systems also participate in Global Dossier information sharing. As shown below, the user may select a specific office and enter either the application, published application, or issued patent number for that office; however, the USPTO is unique in that it separates the “Pre-grant Publication” from the issued “Patent” field.

uspto  
Global Dossier  
Home Public Pair Common Citation Document  
Office US ▼ Type Application

US  
CN  
EP  
KR  
JP  
WIPO  
CASE

uspto  
Global Dossier  
Home Public Pair Common Citation Document  
Office US ▼ Type Application ▼

Application  
Pre-grant Publication  
Patent

uspto  
Global Dossier  
Home Public Pair Common Citation Document  
Office CN ▼ Type Application ▼ Ex: YYYY

Application  
Publication

uspto  
Global Dossier  
Home Public Pair Common Citation Document  
Office EP ▼ Type Application ▼ Ex: nnnr

Application  
Publication

uspto  
Global Dossier  
Home Public Pair Common Citation Document  
Office KR ▼ Type Application ▼ Ex: YYYY

Application  
Publication

uspto  
Global Dossier  
Home Public Pair Common Citation Document  
Office JP ▼ Type Application ▼ Ex: YYYY

Application  
Publication

uspto  
Global Dossier  
Home Public Pair Common Citation Document  
Office WIPO ▼ Type PCT Application ▼ Ex:

PCT Application  
PCT Application  
PCT Publication

uspto  
Global Dossier  
Home Public Pair Common Citation Document  
Office CASE ▼ Type Application ▼ Ex: AUX

Application  
Publication

To help illustrate the differences between the EPO and USPTO Global Dossier portals, a golf club head patent family was selected as a working example. Publication number, US20150038259A1, was used to lookup (<https://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. One convenient feature of the USPTO Global Dossier portal is the column denoting the number of office actions associated with each patent family member, which includes the ability to open or download office action documents.

The screenshot shows the USPTO Global Dossier portal. At the top, the search bar contains the number '20150038259'. Below the search bar, the 'Citation List' tab is selected. The table below shows the patent family members. The first entry is for the US office, with 4 actions listed. The table includes columns for Office, Application, Applicant, Title, App. Date, Priority #, Pub. #, Pub. Date, and Action. The actions are listed as (4), (3), (2), (1), (1), (3), and (3).

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



(19) **United States**  
 (12) **Patent Application Publication** (10) Pub. No.: **US 2015/0038259 A1**  
 Sander (43) Pub. Date: **Feb. 5, 2015**

(54) **LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD** (52) U.S. CL. CPC ..... **A63B 53/04** (2013.01); **B29C 33/12** (2013.01); **B29C 33/76** (2013.01); **A63B 2053/042** (2013.01); **B29K 2101/00** (2013.01)  
 (71) Applicant: **NIKE, Inc.**, Beaverton, OR (US)  
 (72) Inventor: **Raymond J. Sander**, Benbrook, TX (US)  
 (73) Assignee: **NIKE, Inc.**, Beaverton, OR (US) (57) **ABSTRACT**  
 (21) Appl. No.: **14/264,109**  
 (22) Filed: **Apr. 29, 2014**  
 (60) Provisional application No. 61/862,341, filed on Aug. 5, 2013.

**Publication Classification**  
 (51) Int. Cl. **A63B 53/04** (2006.01)  
**B29C 33/76** (2006.01)  
**B29C 33/12** (2006.01)

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.

The “Expand All” icon is replaced by a warning notice (see the warning triangle below) when information is not available.

# Global Dossier

[Home](#)
[Public Pair](#)
[Common Citation Document](#)
[Citation List](#) BETA

Office US ▼
Type Pre-grant Publication ▼
20150038259

## US 20150038259

8 Members in Patent Family (8 currently shown)
ⓘ
⬇️

«

### IP Office Type

☒ All IP5 Offices
 


☒ EPO
 ☒ SIPO
 ☒ KIPO
 ☒ JPO
 ☒ USPTO

☒ Non-IP5 Offices

	Office	Application	Applicant
	US	14264109 <a href="#">View Dossier</a>	1) Sander, Raymond J.
	US	PCT/US14/44504 <a href="#">View Dossier</a>	1) NIKE INNOVATE C.V., 2) NIKE, INC.,
	EP	14834313 <a href="#">View Dossier</a>	1) NIKE Innovate C.V.,
	CN	201480044189 <a href="#">View Dossier</a>	1) NIKE INNOVATE C.V.,
	JP	2016533297 <a href="#">View Dossier</a>	1) NAIKIIINOVEITOSHIVI,
	US	14593406 <a href="#">View Dossier</a>	1) Sander, Raymond J.
	US	PCT/US16/12629 <a href="#">View Dossier</a>	1) NIKE INNOVATE C.V., 2) NIKE, INC.,
	GB	201711141	



Not a participating IP Office



By selecting the “[View Dossier](#)” hyperlink, within the USPTO Global Dossier portal for the first patent application number (14/264,109), one retrieves the file wrapper information webpage.











## Global Dossier

[Home](#)
[Public Pair](#)
[Common Citation Document](#)
[Citation List](#) BETA

Office US Type Pre-grant Publication   

**US 20150038259** 8 Members in Patent Family (8 currently shown)  

	Office	Application	Applicant	Title
<b>IP Office Type</b> <input checked="" type="checkbox"/> All IP5 Offices <input checked="" type="checkbox"/> EPO <input checked="" type="checkbox"/> SIPO <input checked="" type="checkbox"/> KIPO <input checked="" type="checkbox"/> JPO <input checked="" type="checkbox"/> USPTO <input checked="" type="checkbox"/> Non-IP5 Offices	 US	14264109 <a href="#">View Dossier</a>	1) Sander, Raymond J.	LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD
	 US	PCT/US14/44504 <a href="#">View Dossier</a>	1) NIKE INNOVATE C.V., 2) NIKE, INC.,	LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD
	 EP	14834313 <a href="#">View Dossier</a>	1) NIKE Innovate C.V.,	LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD
	 CN	201480044189 <a href="#">View Dossier</a>	1) NIKE INNOVATE C.V.,	Lost-core molded polymeric golf club head
	 JP	2016533297 <a href="#">View Dossier</a>	1) NAIKIINOVEITOSHIVI,	The golf club head made from polymer by which loss TOKOA molding was carried out
	 US	14593406 <a href="#">View Dossier</a>	1) Sander, Raymond J.	POLYMERIC GOLF CLUB HEAD WITH METALLIC FACE
	 US	PCT/US16/12629 <a href="#">View Dossier</a>	1) NIKE INNOVATE C.V., 2) NIKE, INC.,	POLYMERIC GOLF CLUB HEAD WITH METALLIC FACE
	 GB	201711141		

After selecting “[View Dossier](#)” the user will see a list of file history documents in chronological order. Please note that three viewing options are listed across the top of the screen. 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 on page 6. 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 the webpage shown on page 8. The “[Classification & Citation](#)” webpage provides IPC classification, patent citation, and non-patent literature citation information, but not CPC information.

The screenshot displays the USPTO Global Dossier interface for application US 14264109. The top navigation bar includes links for Home, Public Pair, Common Citation Document, Citation List (marked BETA), Service Availability, Help, and Email us. Below this, a secondary navigation bar shows 'Patent Family', 'All Documents', and 'Classification & Citation' tabs, with the first two highlighted by red boxes. The main content area on the left lists documents for US 14264109 (US 20150038259 A1, US 9403295 B2) with 68 documents in total. The list includes items like 'Certificate of Correction - Post Issue Communication', 'Request for Certificate of Correction', 'EFS Acknowledgment Receipt', 'Issue Notification', 'Claims', 'Notice of Allowance and Fees Due (PTOL-85)', 'Index of Claims', 'EFS Acknowledgment Receipt', 'Issue Fee Payment (PTO-85B)', 'Fee Worksheet (SB06)', and 'Miscellaneous Incoming Letter'. The right side of the page features a large document icon and the text 'No Document Selected' with a subtext 'To view the Document, please select one from the list'.

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	ISSUENTF	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 (SB06)	06/01/2016	WFEE	5	...
Miscellaneous Incoming Letter	06/01/2016	LET.	4	...

The USPTO portal provides hyperlinks to both the IP5 “[Common Citation Document](#)” database and the newly introduced USPTO “[Citation List](#)” database. Both databases are discussed in a separate IPO bulletin.

The screenshot displays the USPTO Global Dossier interface. At the top, the 'uspto' logo is on the left, and 'About Us', 'Careers', and 'Contact Us' links are on the right. Below this is the 'Global Dossier' header. A navigation bar contains links for 'Home', 'Public Pair', 'Common Citation Document', and 'Citation List' (which is highlighted with a red box and labeled 'BETA'). To the right of these links are 'Service Availability', 'Help', and 'Email us'. Below the navigation bar, the 'Application Number' is set to 'US 14264109'. Below this, there are tabs for 'Patent Family', 'All Documents', and 'Classification & Citation'. The 'Classification Data' section shows 'IPC8' with codes 'B29C33/76' and 'A63B53/04'. The 'Citation Data' section has tabs for 'PATENT DOCUMENTS' and 'NPL (NON-PATENT LITERATURE)'. Below these tabs is a table with three columns: 'CITED BY', 'CITED IN', and 'PUBLICATION/PATENT NUMBER'. The table lists 12 citations, all from 'applicant' documents, with various US patent numbers.

CITED BY	CITED IN	PUBLICATION/PATENT NUMBER
applicant		US20110236699/A1
applicant		US4464324/B1
applicant		US4614627/B1
applicant		US4883623/B1
applicant		US5614143/B1
applicant		US6146571/B1
applicant		US20060240908/A1
applicant		US4472092/B1
applicant		US6508978/B1
applicant		US6623378/B1
applicant		US6824636/B1
examiner		US6050904/B1



## Global Dossier USPTO Portal – English Translations

The previous patent family example did not provide an opportunity to demonstrate the English translation feature available in the USPTO Global Dossier portal. The following example pertains to the patent family associated with US patent application 12/338,487. Please note that the USPTO Global Dossier portal does not permit inclusion of the forward slash “/” in the application number.

The screenshot displays the USPTO Global Dossier portal interface. At the top, there is a navigation bar with 'uspto' logo and links for 'About Us', 'Careers', and 'Contact Us'. Below this is the 'Global Dossier' header. The main search area includes a 'Home' button, a 'Public Pair' button, a 'Common Citation Document' button, and a 'Citation List' button (highlighted with a red box). The search criteria are set to 'Office: US' and 'Type: Application'. The search results show a list of patent family members for US 12338487. The table includes columns for 'Office', 'Application', 'Applicant', 'Title', 'App. Date', 'Priority #', 'Pub. #', 'Pub. Date', and 'Action'. A red box highlights the 'Global Dossier' header and the search results table.

A listing of the “Most Recent Documents”, with respect to the Japan filing, can be retrieved by selecting the JP +/- icon.

The screenshot displays the USPTO Global Dossier portal interface. At the top, there is a navigation bar with 'uspto' logo and links for 'About Us', 'Careers', and 'Contact Us'. Below this is the 'Global Dossier' header. The main search area includes a 'Home' button, a 'Public Pair' button, a 'Common Citation Document' button, and a 'Citation List' button (highlighted with a red box). The search criteria are set to 'Office: US' and 'Type: Application'. The search results show a list of patent family members for US 12338487. The table includes columns for 'Office', 'Application', 'Applicant', 'Title', 'App. Date', 'Priority #', 'Pub. #', 'Pub. Date', and 'Action'. A red box highlights the 'Most Recent Documents' section for the Japan filing (JP 2011542260). The table includes columns for 'Date', 'Document Description', and 'Action'. The documents listed are: 'Request for Term Extension (TRANSLATED)' (07/16/2014), 'Request for Term Extension (ORIGINAL)' (07/16/2014), and 'Notification of Change of Applicant (TRANSLATED)' (07/04/2014). Another red box highlights the 'Decision to Grant a Patent (TRANSLATED)' document (06/16/2014) under the 'Office Actions' section.

If the USPTO Global Dossier user would like to review the “[Decision to Grant a Patent \(TRANSLATED\)](#)” document for the JP family member, an English translation is available as shown on the following page. Simply select the “[View All Office Actions](#)” hyperlink and the “[All Documents](#)” view will appear, as shown on page 11.

**uspto** About Us Careers Contact Us

## Global Dossier

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

Office: **US** Type: **Application** **12338487** **Q** **?** **★ Collections 0** **🕒 History 4**

**US 12338487** 9 Members in Patent Family (9 currently shown) **?** **👤**

Office	Application	Applicant	Title	App. Date	Priority #	Pub. #	Pub. Date	Action
US	12338487 <a href="#">View Dossier</a>	1) Boyd, Robert 2) Stites, John T. 3) Tavares, Gary G.	GOLF CLUBS AND GOLF CLUB HEADS HAVING INTERCHANGEABLE REAR BODY MEMBERS	12/18/2008	US 12338487	US 20100160091 A1 US 8043167 B2	06/24/2010 10/25/2011	<b>(3)</b> <a href="#">Add to ★</a>
US	PCT/US09/67430 <a href="#">View Dossier</a>	1) NIKE INTERNATIONAL LTD. 2) BOYD, Robert, 3) STITES, John T., 4) TAVARES, Gary,	GOLF CLUBS AND GOLF CLUB HEADS HAVING INTERCHANGEABLE REAR BODY MEMBERS	12/10/2009	US 12338487	WO 2010080321 A2 WO 2010080321 A3	07/15/2010 01/13/2011	<b>(3)</b> <a href="#">Add to ★</a>
JP	2011542260	1) NAIKINOBEITOSE, Faye,	The golf club and golf club head which have an exchangeable back body member	12/10/2009	US PCT/US09/67430 US 12338487	JP 2012512711 A JP 5601669 B2	06/07/2012 10/08/2014	<b>(2)</b> <a href="#">Add to ★</a>

**IP Office Type**

☒ All IP5 Offices

☒ EPO

☒ SIPO

☒ KIPO

☒ JPO

☒ USPTO

☒ Non-IP5 Offices

**Most Recent Documents**

Date	Document Description	Options
07/16/2014	Request for Term Extension (TRANSLATED)	...
07/16/2014	Request for Term Extension (ORIGINAL)	...
07/04/2014	Notification of Change of Applicant (TRANSLATED)	...

**Office Actions**

Date	Document Description	Options
06/16/2014	<b>Decision to Grant a Patent (TRANSLATED)</b>	...
07/03/2013	Notification of Reasons for Refusal (TRANSLATED)	...

[All Documents](#) [Classification and Citation](#) [View All Office Actions](#)

If the user selects “**Decision to Grant a Patent (TRANSLATED)**”, a PDF image of the English translated document will appear in the right-hand window. The document list or PDF file can be downloaded by selecting either of the downward arrow icons. The PDF file can be printed by selected the print icon.

The screenshot displays the USPTO Global Dossier interface. At the top, the 'uspto' logo is on the left, and 'About Us', 'Careers', and 'Contact Us' links are on the right. Below the logo, the 'Global Dossier' title is shown, followed by navigation tabs: 'Home', 'Public File', 'Common Citation Document', and 'Citation List' (which is active and highlighted in yellow). A search bar for 'Application Number' contains 'JP 2011542260'. To the right of the search bar are tabs for 'Patent Family', 'All Documents' (active), and 'Classification & Citation'. Further right are links for 'Service Availability', 'Help', and 'Email us'. Below these are 'Collections' (0) and 'History' (3) buttons.

The main content area shows the application number 'JP 2011542260' and a list of documents. The first document, 'Decision to Grant a Patent (TRANSLATED)', is highlighted with a red box. A red box also highlights the download icon (a downward arrow) next to the document title. To the right of the document list is a large PDF viewer window titled 'Decision to Grant a Patent (TRANSLATED)'. The PDF content includes a disclaimer, notes, translation details, and the patent decision text. In the top right corner of the PDF viewer, there are three icons: a refresh icon, a download icon (highlighted with a red box), and a print icon (highlighted with a red box).

Description	Date	Code	Group	Options
Decision to Grant a Patent (TRANSLATED)	06/18/2014	A01	23.2,101,102	...
Notification of Reasons for Refusal (TRANSLATED)	07/03/2013	A31	2.101,102,21	...

**PDF Content:**

**Disclaimer:**  
This English translation is produced by machine translation and may contain errors. The JPO, the INPIT, and those who drafted this document in the original language are not responsible for the result of the translation.

**Notes:**  
1. Untranslatable words are replaced with asterisks ("\*\*\*\*").  
2. Texts in the figures are not translated and shown as it is.

Translated: 00:47:07 JST 10/18/2017  
Dictionary: Last updated 05/23/2017 / Priority:

**Decision to Grant a Patent**


Application number: Patent Application No. 2011-542260  
Date of Drafting: Heisei 26(2014) June 9  
Patent examiner: OKAZAKI, Hikoya 3919 2N00  
Title of the invention: The golf club and golf club head which have an exchangeable back body member  
The number of claims: 37  
Applicant: Nike International Limited  
Representative: SHIMIZU, Hatsushi (and 11 others)

This application is to be granted a patent, since no reason for refusal has been found.

## Global Dossier EPO Portal

The EPO does not have a dedicated Global Dossier portal per se, but it provides Global Dossier icons within Espacenet's search results and provides Global Dossier file wrapper information through the European Patent Register. To demonstrate, Espacenet will be used to retrieve patent family and citation information for US20150038259A1. After entering US20150038259A1 into Espacenet, the single publication is selected from the result list followed by retrieval of the "Bibliographic data" page.

([https://worldwide.espacenet.com/advancedSearch?locale=en\\_EP](https://worldwide.espacenet.com/advancedSearch?locale=en_EP))



Europäisches Patentamt  
European Patent Office  
Office européen des brevets

**Espacenet**  
Patent search

Deutsch English Français  
Contact  
Change country ▼


◀ About Espacenet Other EPO online services ▼

Search Result list My patents list (0) Query history Settings Help

Refine search → Results

Smart search  
Advanced search  
Classification search

**Quick help**  
→ [Can I subscribe to an RSS feed of the result list?](#)  
→ [What does the RSS reader do with the result list?](#)  
→ [Can I export my result list?](#)  
→ [What happens if I click on "Download covers"?](#)  
→ [Why is the number of results sometimes only approximate?](#)  
→ [Why is the list limited to 500 results?](#)  
→ [Can I deactivate the highlighting?](#)  
→ [Why is it that certain documents are sometimes not displayed in the result list?](#)  
→ [Can I sort the result list?](#)  
→ [What happens if I click on the star icon?](#)  
→ [What are XP documents?](#)  
→ [Can I save my query?](#)  
**Related links** +

**Result list** 

☐ Select all (0/1) ☐ Compact

1 result found in the Worldwide database for:  
**US20150038259** as the publication number

☐ 1. **LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD**

★ **Inventor:**  
SANDER RAYMOND J. [US]

**Applicant:**  
NIKE INC. [US]


**CPC:**  
[A63B2053/0416](#)  
[A63B2053/042](#)  
[A63B2053/0458](#)  
(+7)

**IPC:**  
A63B53/04  
B29C33/12  
B29C33/76

**Publication info:**  
[US 2015038259](#) (A1)  
2015-02-05  
[US 9403295](#) (B2)  
2016-08-02

**Priority date:**  
2013-08-05

Please take note of the Global Dossier icon found on the “Bibliographic data” page. In addition, 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.



Europäisches Patentamt  
 European Patent Office  
 Office européen des brevets

**Espacenet**  
 Patent search

Deutsch English Français  
 Contact  
 Change country ▼

About Espacenet Other EPO online services ▼

Search Result list My patents list (0) Query history Settings Help

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 **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)**

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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.

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**1. LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD**  
 ★ Inventor: SANDER RAYMOND J [US] Applicant: NIKE INC [US] CPC: A63B2053/0416 A63B2053/042 A63B2053/0458 (+7) IPC: A63B53/04 B29C33/12 B29C33/76 Publication info: US2015038259 (A1) 2015-02-05 US9403295 (B2) 2016-08-02 **Global Dossier**

**2. LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD**  
 ★ Inventor: SANDER RAYMOND J Applicant: NIKE INNOVATE CV CPC: A63B2053/0416 A63B2053/042 A63B2053/0458 (+7) IPC: A63B53/04 A63B102/32 Publication info: CN105492086 (A) 2016-04-13 **Global Dossier**

**3. LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD**  
 ★ Inventor: SANDER RAYMOND J [US] Applicant: NIKE INNOVATE CV [US] CPC: A63B2053/0416 A63B2053/042 A63B2053/0458 (+7) IPC: A63B53/04 B29C45/14 B29C45/44 Publication info: EP3030327 (A1) 2016-06-15 EP3030327 (A4) 2017-03-08 **Global Dossier**

**4. LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD**  
 ★ Inventor: Applicant: CPC: A63B2053/0416 A63B2053/042 A63B2053/0458 (+7) IPC: A63B53/04 Publication info: JP2016525439 (A) 2016-08-25 **Global Dossier**

**5. POLYMERIC GOLF CLUB HEAD WITH METALLIC FACE**  
 ★ Inventor: SANDER RAYMOND J [US] Applicant: NIKE INC [US] CPC: A63B2053/0408 A63B2053/042 A63B2053/0433 (+7) IPC: A63B53/04 B29C45/14 Publication info: US2015119165 (A1) 2015-04-30 US9403071 (B2) 2016-08-02 **Global Dossier**


**6. LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD**  
 ★ Inventor: SANDER RAYMOND J [US] Applicant: NIKE INNOVATE CV [US] NIKE INC [US] CPC: A63B2053/0416 A63B2053/042 A63B2053/0458 (+7) IPC: A63B53/04 Publication info: WO2015020734 (A1) 2015-02-12 **Global Dossier**

**7. POLYMERIC GOLF CLUB HEAD WITH METALLIC FACE**  
 ★ Inventor: SANDER RAYMOND J [US] Applicant: NIKE INNOVATE CV [US] NIKE INC [US] CPC: A63B2053/042 A63B2053/0458 A63B2053/0491 (+3) IPC: A63B53/04 Publication info: WO2016112278 (A1) 2016-07-14 **Global Dossier**

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02.07.2016	<a href="#">Claims</a>	1
01.07.2016	<a href="#">Notice of Allowance and Fees Due (PTOL-85)</a>	4
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24.05.2017	<a href="#">First search (ORIGINAL)</a>	-

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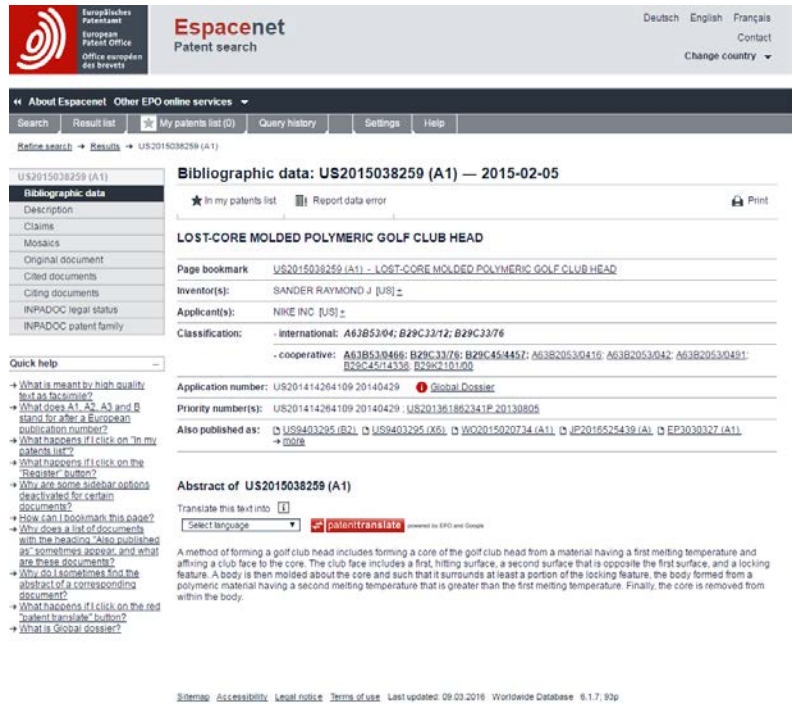
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The search results section shows the patent number "US2015038259 (A1)" and the date "2015-02-05". The patent title is "LOST-CORE MOLDED POLYMERIC GOLF CLUB HEAD".

The bibliographic data section includes the following information:

- 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; B29C33/72; B29C33/76
  - cooperative: A63B53/0466; B29C33/78; B29C45/4457; A63B2053/0410; A63B2053/042; A63B2053/0491; B29C45/4335; B29C101/00
- Application number:** US201414264109 20140429
- Priority numbers:** US201414264109 20140429; US201361862341P 20130805
- Also published as:** US9403295 (B2); US9403295 (X6); WO2015020734 (A1); JP2015525439 (A1); EP3030327 (A1)

The abstract section is titled "Abstract of US2015038259 (A1)" and contains the following text:

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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.

At the bottom of the page, there are links for "Sitemap", "Accessibility", "Legal notice", and "Terms of use". The last updated date is "09.03.2016" and the version is "Worldwide Database 6.1.7. 85p".

## Summary

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