



Patent search results you can trust

Answer your patent search questions with speed and precision.

Derwent Patent Search helps patent professionals answer their patentability, freedom-to-operate (FTO) and patent validity questions with speed and precision.

By combining advanced patent search tools, AI and comprehensive patent data enriched by experts, Derwent Patent Search provides results that are accurate and reliable.

Derwent Patent Search is the only source for enriched patent data and expert-authored invention summaries used for patent examination by 40+ global PTOs.

Why patent professionals at the world's most innovative companies choose Derwent Patent Search

1. Find more relevant keyword search results using expert-authored invention summaries written in standard English.
2. Spend less time on patentability and knock out searches using AI Search — trained on DWPI for more relevant results.
3. Make faster, more confident global FTO decisions with integrated patent litigation and opposition data from 140+ countries.
4. Review patents faster with descriptive titles and invention summaries written by subject matter experts that clearly state novelty, use and advantage.
5. Act with confidence using comprehensive and corrected patent data including legal status, assignee and inventor.

"You can feel the difference in the data. It's clean, complete and gives you confidence. When I'm preparing for a client meeting, I don't want to second-guess the results, and with Derwent, I don't have to."

Dr. Ilan Ries,
Patent Attorney, Ehrlich Group

Patent search results you can trust — from patentability to freedom to operate to invalidity



Patentability

Make more confident patentability and knock out recommendations

- AI-powered natural language search for fast, highly relevant results
- Descriptive titles and expert-authored invention summaries for faster review
- Corrected classifications and priority data for more accurate insights



Freedom to operate

Perform global clearance searches with speed and precision

- Correlated patent litigation case data from 140+ jurisdictions
- Predicted legal status and normalized assignee for higher confidence decisions
- Global invention families with correlated citations for in-depth analysis



Invalidity

Identify highly relevant prior art

- **70m+** fully searchable, expert-authored invention summaries improve the relevance of keyword search results
- **300+** searchable fields make it easy to target your searches
- Quickly combine AI and keyword searches for more comprehensive results



Comprehensive, enriched patent data and expert-authored content you can't get anywhere else



Enriched global patent data

Search and analyze cleansed, corrected and normalized full-text patent data.

- **178m+** patent documents
- **109** jurisdictions with bibliographic data
- **76** jurisdictions with full text



Derwent World Patents Index (DWPI)

Capture more relevant and comprehensive patent search results, and review documents faster — with patent titles and summaries written by subject matter experts that state the patent's novelty, use, and advantage in clear, easy-to-understand language.

- **70m** invention level families
- **137m+** patent publications covered by enhanced titles and abstracts
- **62** sources, including **60** patent-issuing authorities



Darts-ip global patent litigation case data

Perform global FTO analysis in one continuous workflow using correlated, standardized patent litigation case data.

- **2.4m** global patent cases
- Case information from **4,100+** courts across **140** countries



Derwent Chemical Patents Index

Quickly find relevant chemical compounds with searchable, human-curated chemical data that include Markush structure summary, mode of administration and more.



Derwent Patent Citation Index

See the complete view of patent and literature citations, examiner and applicant, forward and backward, collated at the invention (DWPI family) level.



Scientific literature

Find relevant non-patent publications from over **34,000** journals spanning **254** subject categories.

Better patent search results in less time with the Derwent World Patents Index



Expert-authored invention summaries

Improve keyword search results by 79% compared to other patent search platforms using summaries written by subject matter experts in standard English, translated from 40 original languages.



Descriptive DWPI titles

Determine what results are most relevant using expert authored titles that allow you to see at-a-glance the scope of the patent.



Standardized fields for novelty, use and advantage

Quickly see what an invention covers without having to read the full document using expert-authored summaries that clearly state novelty, use and advantage.



70m+ DWPI families

See an invention's complete global patent coverage with DWPI families that go beyond priority relationships and include non-convention equivalents.



DWPI manual codes

Obtain a comprehensive set of global patents related to a specific technology using an index of 27,000 codes assigned manually. DWPI manual codes are a proprietary novelty-oriented classification system to complement international patent classification systems.

Figure 1: Clearly see relevant information from the original publication on the DWPI record in Derwent Patent Search.

(12) United States Patent
Smets et al.
 (10) Patent No.: **US 9,890,351 B2**
 (45) Date of Patent: **Feb. 13, 2018**

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 (73) Assignee: **The Procter & Gamble Company, Cincinnati, OH (US)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **13/569,254**
 (22) Filed: **Aug. 8, 2012**
 (65) **Prior Publication Data**
 US 2013/009962 A1 Feb. 14, 2013

(51) Int. Cl. **C10D 1/00 (2006.01); A61Q 1/00 (2006.01); A61K 8/11 (2006.01); C10D 1/08 (2006.01); C10D 1/50 (2006.01); A61Q 5/02 (2006.01); A61K 8/01 (2006.01); A61Q 1/10 (2006.01); A61Q 1/12 (2006.01); A61Q 1/50 (2006.01); A61Q 1/90 (2006.01)**
 (52) U.S. Cl. **C10D 1/00 (2013.01); A61K 8/11 (2013.01); A61Q 1/00 (2013.01); A61Q 5/02 (2013.01); A61Q 1/08 (2013.01); A61Q 1/10 (2013.01); A61Q 1/12 (2013.01); A61Q 1/50 (2013.01); A61Q 1/90 (2013.01)**

(58) Field of Classification Search **CPC** — **A61K 2800/412; A61K 8/11; A61Q 1/00; A61Q 1/50; C10D 1/00; C10D 1/08; C10D 1/10; C10D 1/12; C10D 1/50; C10D 1/90**
 See application file for complete search history.

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 52815

9 Claims, No Drawings

ABSTRACT
 The present application relates to encapsulates, compositions, products comprising such encapsulates, and processes for making and using such encapsulates. Such encapsulates comprise a core comprising a perfume and a shell that encapsulates said core, such encapsulates may optionally comprise a permeation balancing agent, such shell comprising one or more azobenzene moieties.

Detailed Description
 An INDEPENDENT CLAIM is included for composition comprising the encapsulate and adjunct ingredient.

Use
 In composition (skincare) e.g. personal care composition and treatment composition (e.g. baby care, beauty care, fabric and home care, family care, feminine care, health care, snack or beverage products, diapers, baby wipes, products for treating hair (human, dog, or cat), including bleaching, coloring, dyeing, conditioning, shampooing, styling, deodorants and antiperspirants; personal cleansing cosmetics; skin care including application of creams, lotions, and other topical applied products for consumer use; and cleaning products, products for treating fabrics, hard surfaces and any other surfaces in the area of fabric and home care, including air care, car care, dishwashing, fabric conditioning (including softening, laundry deodorant, laundry and rinse additive or care, hand surface cleaning or treatment, and other cleaning for consumer or institutional care; products for bath tissue, facial tissue, paper handkerchief, or paper towels; products for oral care including toothbrushes, tooth gels, tooth rinses, denture adhesives, tooth whitening; over-the-counter health care pain relievers, pet health and nutrition, and water purification (including); cleaning compositions (e.g. granular or powder form) all purposes or heavy-duty washing agents, especially cleaning detergents, liquid, gel or paste form all-purpose washing agents, especially the so-called heavy-duty liquid types, liquid free fabrics, detergents, hand dishwashing agents or light duty dishwashing agents, especially those of the high-foaming type; machine dishwashing agents, including the various tablet, granular, liquid and rinse-out types for household and institutional use; liquid bleaching and disinfecting agents, including antibacterial hand wash types, cleaning bars, mouthwashes, denture cleaners, dentifrices, car or carpet shampoos, bathroom cleaners, hair shampoos and hair rinses; shower gels and foam baths and metal cleaners; as well as cleaning auxiliaries such as bleach activators and stain stick or pre-treat types; substrate stain products such as dye-removal dyes, dry and wet-removal dyes and pastes, removers, substrates, and gingers; as well as spray-and-mist and fabric care compositions (e.g. fabric softening compositions, fabric enhancing compositions, fabric freshening compositions).

Advantage
 The polymers comprising the shell provide good stability of the encapsulates, including leakage, premature rupture, agglomeration, deposition and retention in a variety of cleaning compositions.

Built for the specific needs of patent search professionals



Expert patent search

Build comprehensive search queries using over 300 normalized fields and standard Boolean commands for precise, effective patent searching.



AI Search

Capture highly relevant results quickly using natural language description or patent number(s). Trained on DWPI for results you can trust.



Search management

Easily modify, combine and re-run previous searches to save time starting new searching projects or updating existing.



Search templates

Standardize your searches and exports for more efficient workflows — create multiple search templates that include key terms, fields, and data collections.



DWPI manual code search

Quickly obtain a comprehensive, global set of patents related to a specific technology without having to sort out irrelevant publications.

Figure 2: Quickly start a fielded, literature, publication number or AI Search directly from the home page of Derwent Patent Search.

Perform Patent AI or Classic search

AI search Fielded search Expert search Publication number Structure search (Alpha)

How to use AI search

Type your query naturally and concisely in sentence format. Avoid keyword lists, formal directives like "please find" or personal narratives like "I am looking for".

Limit search to claims only

Search fields

Combine your search with the seven fields: Publication date, Application date, Priority date, CPC code, IPC code, Country code or Dead/Alive

Advanced filter - Combine your search with the fields

CPC-Any + Country Code + IPC-Any + Dead/Alive +

Publication Date to

Application Date to

Priority Date to

Clear all

Make faster, more confident freedom-to-operate decisions



Integrated patent litigation data

Easily see if a patent (or family member) is involved in opposition or litigation in over 140 countries



Litigation case activity

View all cases associated with a patent in a single, easy to read summary.



Litigation case details

Review relevant details for each case, including type of action, jurisdiction, plaintiff, defendant and any associated outcome.



Legal status

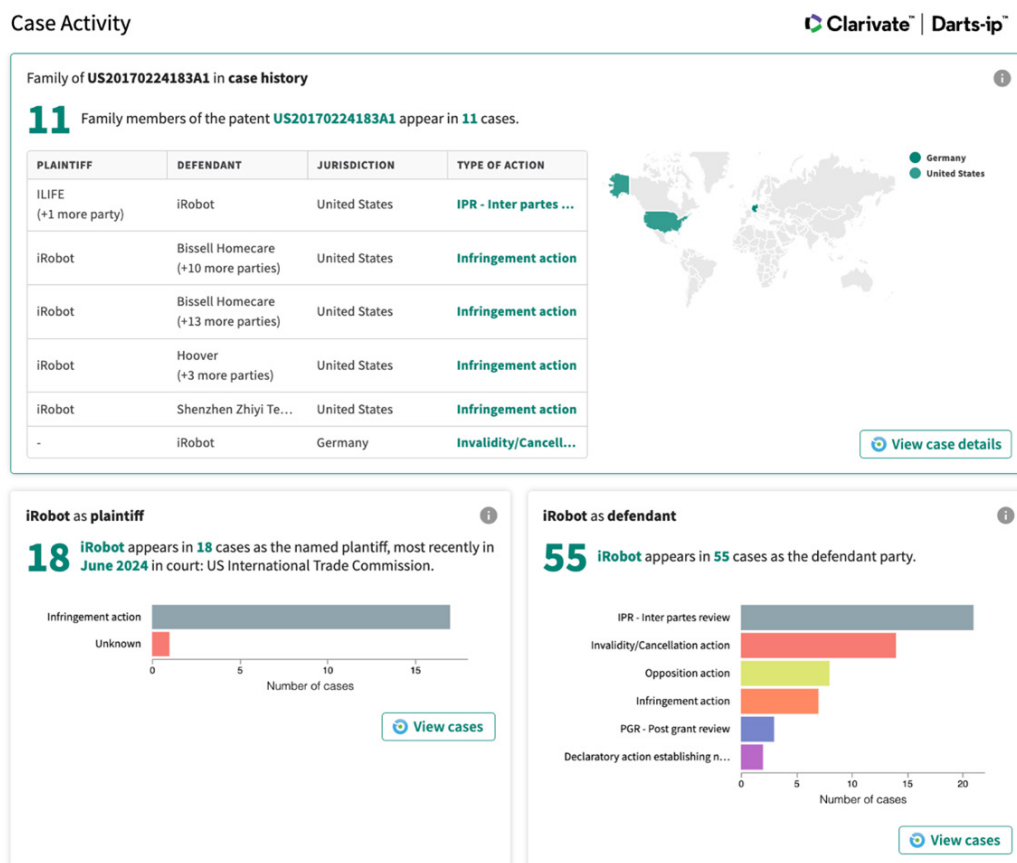
Review with confidence using predicted legal status based on INPADOC legal status events and country-specific patent law.



Optimized assignee

See the patent's current owner, even when an assignee isn't listed on the original publication — updated weekly to reflect acquisition and reassignment activity.

Figure 3: View global litigation details associated with a particular patent using the Darts-ip global patent litigation case activity dashboard.



Stay on top of a dynamic global patent landscape



Watched records

Automatically monitor a particular record or IPADOC family for changes in legal status, reassignment, new citations, and more.



Insights

Generate charts, statistics and commentary with a single click to help you evaluate your search results in less time.



ThemeScope

Transform millions of data points into a topographical visualization to help you navigate technology domains, understand how your data sets are related, and find new opportunities.



Custom fields

Add additional context to certain records that your team members can see, such as a related product name, technology taxonomy, licensing activity, or any other relevant information.



Work files

Save records related to specific projects to separate folders, annotate records, and share records and annotations with other team members.

Figure 4: Monitor records for changes in legal status, reassignment or new citations with watched records.

Watched records Help

Search Include annotations

0 items selected Created: 2020-10-19 Modified: 2020-10-19

[Manage](#) [Export](#)

<input type="checkbox"/>	RECORD	DATE MODIFIED	TYPE	OPTIONS
<input type="checkbox"/>	US9890351B2 Encapsulates	2021-12-22	Patent	

SETTINGS **ACTIVITY**

Overview Description: Owner: Josh Beddow Date created: 2021-12-22	Trigger events Standard: INPADOC family changes Legal code groups: Custom fields:	Additional save and share options Save to: Personal folders/Consumer products Share:
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Records per page Showing 1 - 1 of 1

One connected platform with multiple options to match your team's specific needs

Derwent Patent Search

Purpose-built to provide patent search professionals with fast, high confidence patentability, FTO and invalidity prior art searches, competitive monitoring and patent due diligence.

Derwent Patent Monitor

Built for IP and R&D teams, Derwent Patent Monitor streamlines patent monitor and review workflows with AI-powered threat analysis for more efficient collaboration and decision-making.

Derwent Patent Analytics

Combining patent, company, and litigation data with advanced AI tools, Derwent Patent Analytics makes it easy for IP strategists to capture the right insights for portfolio management, competitive benchmarking, licensing, and patent strategy.

Derwent Sequence Search

Comprehensive biological sequence search solution with integrated manually-indexed sequence data and powerful search tools specifically built for sequence searching.

"I've tried other AI powered patent search tools, and Derwent AI Search is hands down the best. With other patent search tools, you often need to review up to 50 or even 200 results to find the most relevant records. With Derwent AI Search, the most relevant records are at the top of the list, which helps me save a lot of time when evaluating patentability."

Susan Johnson,
Patent Agent and IP Researcher, Boston Scientific.

Lead the way with Derwent

With the industry's most trusted patent data, reliable AI models, and purpose-built tools focused on real-world IP workflows, Derwent is empowering your team to deliver greater strategic value, reduce risk and accelerate decision making.

To learn more about how Derwent Innovation can help your team make higher confidence decisions that lead to better R&D and IP outcomes, visit clarivate.com/intellectual-property/derwent

Contact our experts today:

clarivate.com