



# Battery patent fees



## Overview

A patent is a commercial tool giving you the right to take action against anyone who makes, uses, sells or imports your invention without your permission. So, when we consider wider geographical coverage it is important to evaluate the cost and time of securing patent protection against the risk a potential competitor. A patent is granted for inventions that are new and inventive. Patents are typically examined against the “state of the art”, which is everything that is. The PCT is the closest option to a worldwide patent and it is important to understand why it is different. The PCT makes it possible to seek patent protection for an invention simultaneously in each of a large number of. Obtaining protection worldwide carries a cost. There is the cost of drafting the text and drawings of the patent application as well as the cost of official fee payments to the Patent Office of each. There are several patent systems that apply to groups of countries which can reduce the administrative burden and cost of applying for protection. The most well-known is the European.



## Article Content

### Statutory Patent Fees

In addition, annual patent renewal fees must be paid from the third year in order to keep a patent in force. In addition to the statutory fees charged by national patent offices, applicants will need to bear in mind the costs of engaging the services of patent agents, which again can vary depending on the extent of the advice and assistance sought.

### How Much Does a Patent Cost: An In-Depth Guide to Patent ...

How much does a patent cost? In this article we cover the cost of the entire patent process from filing fees to attorneys fees, maintenance costs, and more!

### Global Trends in Battery Technology: A Patent Perspective

As the drive towards renewable energy use gains pace, there has been an increase in global patent filings relating to battery technology. While lithium-ion batteries currently dominate the battery market, they have several disadvantages.

### South Korea most likely to take the lead in ...

Global top 10 lithium-ion battery patents by quantity and quality. The analysis further highlights that leading Korean companies like LG Chem and Samsung SDI have ...

### The Influence of Advanced Battery Patents Funded by the U.S.

these patents into 22,644 patent families, with each family containing all patents resulting from the same initial application (named the "priority application"). • 515 advanced batteries patents are confirmed to be associated with VTO funding (330 U.S. patents, 62 EPO patents, and 123 WIPO patents). We grouped these VTO-funded

### Battery Trade Secret War Stories and Battery Patent Filing Trends

- Sept 2019 - SK files battery patent infringement suit with ITC against Z
- Oct 2019 - ITC issues order to make SK produce documents relevant to the case
- Feb 2021 - The ITC Judge said that SK Innovation's evidence destruction was so thorough

### Patent forms and fees

1. Online patent forms Please note that the search, substantive ...

### Global Trends in Battery Technology: A Patent ...

Patent filings at the European Patent Office (EPO) for solid state batteries have been growing on average by 25% per year since 2010. 6 In 2018, they represented more than 8% of all patent filings in lithium-ion technology, ...

### Patent forms and fees

1. Online patent forms Please note that the search, substantive examination and application fees are all reduced when filed online as set out below.

Patent forms and fees

£600-£4000 in accordance with Rule 6(2) Patents (Fees) Rules 2007: April 2023: SP3: Application for declaration of lapse or invalidity, or to revoke an extension of the duration of an SPC:

An Inventor's Guide to Understanding Patent ...

Patent maintenance fees and tiers. Patent maintenance fees attributed to the USPTO are set out in three stages (3.5, 7.5, 11.5 years) with the payments increasing over the period of cover, ending with the final payment being nearly ...

Can I patent my battery technology innovation?

Battery technology developers are obtaining patents for innovations across all parts of the cell and battery to maximise their commercial positions. Continued growth in patenting activity is evident and proving very effective, particularly for start-ups and smaller businesses, where protection for very specific aspects of a battery or cell ...

US6617075B2

An improved lithium-ion or lithium-polymer battery that is capacity-fade resistant. The battery includes an anode comprised of graphite where density of the graphite is in a range from 1.2 to 1.5 g/c<sup>3</sup>; and the battery further has a cathode that is comprised of LiNiO<sub>2</sub> present at a density in a range from 3.0 to 3.3 g/c<sup>3</sup>. The battery also includes an electrolyte and a separator between ...

Battery Technology

Once allowed and having paid any grant fees due, the patent rights typically need to be maintained by payment of annual fees to each national patent office for up to the 20-year maximum lifetime of a patent. ... could then turn their attentions ...

Intellectual Property for Battery Technology | Potter Clarkson

We prepared patent applications for battery safety systems, charging and discharging algorithms, and controlling the drawing of energy from hybrid power systems.

USPTO Patent Fees: Changes for 2025 | IP Updates

The USPTO published its final rulemaking on patent fees on November 20, 2024. This final rule sets or adjusts 433 patent fees for undiscounted, small, and micro entities, including the introduction of 52 new fees. Any reference to "undiscounted entity" includes all entities other than those with established entitlement to either a ...

Huawei files patent for a new solid-state battery tech

Huawei's new patent on sulfide solid-state batteries addresses liquid battery degradation, promising high energy density, safety, long life, and stability for EVs and storage.

### The Patent Strategy Behind Tesla's EV Battery Breakthrough

For example, Tesla's patents on lithium-ion battery designs have allowed the company to achieve industry-leading energy density, enabling longer ranges without compromising vehicle weight. Another critical area covered by Tesla's patents is battery longevity. By improving how batteries degrade over time, Tesla has extended the lifespan of ...

EPO-IEA study: rapid rise in battery innovation playing ...

The study also shows that Japan and South Korea have established a strong lead in battery technology globally, and that technical progress and mass production in an increasingly mature industry have led to a ...

Check Out This New Hyundai Patent ...

Hyundai is no stranger to solid-state battery patents, and the Korean automaker recently patented a solid-state electrolyte. Let's take a look at what Hyundai's done and ...

US20120187918A1

Year of fee payment: 4. 2021-12-17: MAFP: Maintenance fee payment: Free format text: PAYMENT OF MAINTENANCE FEE, 8TH YR, SMALL ENTITY (ORIGINAL EVENT CODE: M2552); ENTITY STATUS OF PATENT OWNER: SMALL ENTITY. Year of fee payment

Looking at Patent Law: Patenting an Iron Slurry ...

payment of the issue fees, the patent application was issued as US . Patent No. 9,559,375 on January 31, 2017. Summary. ... After cycling the battery, <5% of the total battery charge was observed ...

Huawei plans to invent solid-state battery tech, reveals new patent

Huawei has recently issued a new patent regarding solid-state battery tech. It would be a wonderful implementation in the energy storage sector. It will further act as a vital element for lithium-ion cells, ensuring faster charging and higher energy efficiency. A solid-state battery is an electrical cell that contains a solid electrolyte instead of any [...]

Battery Patents: Clearing the Way

So, on average, you'd have about a 60% chance of the patent you oppose being either narrowed (hopefully so that it no longer covers your activities), or completely revoked. Your chances could be even higher if you work with a good patent attorney with opposition experience and knowledge of battery technology (quick plug: Mewburn Ellis have both).

#### Patent fees

Fee for requesting that the Patent Office provide information concerning the status of a patent or an application for a patent, for each patent or application for a patent  
2025 fee: \$19.00 2026 fee: \$19.00

#### Patent fees

If you have paid the fees using our direct debit system, the refund will show as an adjustment on your next direct debit statement. If you paid the fees by any other method, your refund will normally be direct credited into your bank account. ...

#### Battery Technology

The fees involved in drafting a patent depend on the complexity of the invention, with a professionally drafted application likely to cost in the region of £3000-£9000 (€3500-10,000, US\$4000-12,500).

#### Patent encumbrance of large automotive NiMH batteries

The high-power NiMH battery of a Toyota Prius. The patent encumbrance of large automotive NiMH batteries refers to allegations that corporate interests have used the patent system to prevent the commercialization of nickel metal hydride ... This particular patent's maintenance fees for the 4th (2008) and 8th (2012) years were paid.

#### Battery technology — leading innovations and how to patent them

Electric vehicle (EV) technology innovators are leading the race to find high performance battery materials. Here's a breakdown of current research and development efforts, and a look at how to patent different battery technologies.

Lithium-ion — Goodenough for a Nobel Prize

#### Explaining IP's role in battery energy storage systems

HSF explains key role of intellectual property in battery technology developments and how to protect IP rights; includes patent law and trade secrets

#### Battery technology patent growth charges up

A recent study 3 by the International Energy Agency (IEA) and the European Patent Office (EPO) indicates patent publications in the fields of batteries and electricity ...

## Contact Us

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