

Global Battery Recycling Patent Intelligence 2026 – Strategic Analysis of Patent Landscape, Innovation Trends, Intellectual Property, Technology Domains, and Future Outlook

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Abstracts

The Global Battery Recycling Patent Intelligence report provides an in-depth analysis of the intellectual property landscape within the global battery recycling industry by evaluating patent filing activities, technology innovation trends, patent ownership, research activities, and emerging innovation domains. The report enables organizations to monitor technology leadership, assess competitive intellectual property positions, identify licensing opportunities, and support strategic decisions related to research, product development, and technology commercialization.

The study examines global patent portfolios across battery collection and disassembly technologies, mechanical processing technologies, hydrometallurgical recycling technologies, pyrometallurgical recycling technologies, direct recycling technologies, and black mass recovery technologies. It also analyzes patent filing trends, leading patent holders, technology domains, citation analysis, geographic distribution, and emerging innovators to provide actionable intelligence on the evolving battery recycling innovation ecosystem.

The report further highlights patent commercialization opportunities, licensing activities, research collaborations, and future technology directions to help organizations strengthen innovation strategies and intellectual property portfolios.

Key Coverage

Battery recycling patent landscape

Patent filing trends

Technology domain analysis

Leading patent holders

Patent portfolio benchmarking

Geographic patent distribution

Citation analysis

Licensing landscape

White-space opportunities

Future patent outlook

Target Audience

Chief Intellectual Property Officers (CIPOs)

Intellectual Property & Patent Teams

Research & Development (R&D) Teams

Battery Recycling Technology Developers

Innovation Management Teams

Technology Scouting Teams

Product Development Teams

Battery Recyclers

Battery Manufacturers

Waste Management Companies

Universities & Research Institutions

Government & Research Organizations

Technology Transfer Offices

Investment & Venture Capital Firms

Legal & Licensing Professionals

What This Report Offers

Comprehensive battery recycling patent landscape assessment

Patent filing and publication trend analysis

Patent portfolio benchmarking

Leading patent holder and assignee analysis

Battery recycling technology domain analysis

Geographic patent distribution assessment

Patent citation and quality analysis

Inventor and innovation activity assessment

Licensing and patent commercialization insights

Freedom-to-operate intelligence

Emerging innovation and white-space opportunity identification

Future intellectual property and technology outlook

Key Companies Covered (Illustrative)

Redwood Materials

Li-Cycle Holdings

Umicore

Ecobat

Ascend Elements

American Battery Technology Company

RecycLiCo Battery Materials

Aqua Metals

Fortum

Stena Recycling

TES-AMM

Glencore

Cirba Solutions

Primobius

Neometals

And other leading patent holders and industry participants.

Contents

1 EXECUTIVE SUMMARY

2 RESEARCH METHODOLOGY

- 2.1 Research Methodology
- 2.2 Research Objectives
- 2.3 Data Sources
- 2.4 Scope of the Study
- 2.5 Assumptions & Limitations

3 PATENT LANDSCAPE OVERVIEW

- 3.1 Battery Management System Industry Overview
- 3.2 Battery Management System Technology Landscape
- 3.3 Patent Ecosystem
- 3.4 Patent Classification
- 3.5 Innovation Drivers
- 3.6 Regulatory Framework
- 3.7 IP Trends

4 GLOBAL PATENT LANDSCAPE

- 4.1 Patent Filing Trends
- 4.2 Patent Publications
- 4.3 Granted Patents
- 4.4 Patent Families
- 4.5 Geographic Distribution
- 4.6 Technology Domains

5 PATENT PORTFOLIO BENCHMARKING

- 5.1 Leading Patent Holders
- 5.2 Company Patent Comparison
- 5.3 University Patent Activity
- 5.4 Research Institute Patent Activity
- 5.5 Startup Patent Activity
- 5.6 Patent Quality Assessment

6 TECHNOLOGY DOMAIN ANALYSIS

- 6.1 Battery State Estimation Technologies
- 6.2 Cell Monitoring & Balancing Technologies
- 6.3 Battery Thermal Management Technologies
- 6.4 Battery Safety & Fault Detection Technologies
- 6.5 Battery Communication & Control Technologies
- 6.6 Next-Generation Battery Management System Technologies

7 PATENT INTELLIGENCE

- 7.1 Citation Analysis
- 7.2 Inventor Analysis
- 7.3 Assignee Analysis
- 7.4 Patent Expiry Analysis
- 7.5 Licensing Landscape
- 7.6 Freedom-to-Operate Overview

8 STRATEGIC DEVELOPMENTS

- 8.1 Licensing Agreements
- 8.2 Patent Acquisitions
- 8.3 Cross-Licensing Activities
- 8.4 Technology Partnerships
- 8.5 Government Programs
- 8.6 Future IP Strategies

9 REGIONAL PATENT ANALYSIS

- 9.1 North America
- 9.2 Europe
- 9.3 China
- 9.4 Japan
- 9.5 South Korea
- 9.6 India
- 9.7 Southeast Asia
- 9.8 Other Regions

10 EMERGING INNOVATORS

- 10.1 High-Growth Companies
- 10.2 University Spin-offs
- 10.3 Startups by Region
- 10.4 Venture Capital Activity
- 10.5 Unicorn Tracking
- 10.6 Disruptive Technologies

11 FUTURE TECHNOLOGY OUTLOOK

- 11.1 White Space Analysis
- 11.2 Threat Analysis
- 11.3 Opportunity Mapping
- 11.4 Future Leaders
- 11.5 Strategic Recommendations

12 COMPANY PROFILES

- 12.1 Redwood Materials
- 12.2 Li-Cycle Holdings
- 12.3 Umicore
- 12.4 Ecobat
- 12.5 Ascend Elements
- 12.6 American Battery Technology Company
- 12.7 RecycliCo Battery Materials
- 12.8 Aqua Metals
- 12.9 Fortum
- 12.10 Stena Recycling
- 12.11 TES-AMM
- 12.12 Glencore
- 12.13 Cirba Solutions
- 12.14 Primobius
- 12.15 Neometals
- 12.16 SungEel HiTech
- 12.17 Duesenfeld
- 12.18 Hydrovolt
- 12.19 Veolia
- 12.20 GEM

- 12.21 Zhejiang Huayou Cobalt
- 12.22 Brunp Recycling Technology
- 12.23 Ganfeng Lithium Group
- 12.24 SK Ecoplant
- 12.25 ReElement Technologies

13 LIST OF TABLES

- Table 1 Battery Management System Patent Landscape Overview
- Table 2 Patent Filing and Publication Trends
- Table 3 Leading Patent Holders
- Table 4 Patent Portfolio Comparison
- Table 5 Patent Distribution by Technology Domain
- Table 6 Geographic Patent Distribution
- Table 7 Patent Citation and Quality Comparison
- Table 8 Emerging Battery Management System Patent Innovators

14 LIST OF FIGURES

- Fig 1 Battery Management System Patent Ecosystem
- Fig 2 Global Patent Filing Landscape
- Fig 3 Patent Filing Trend
- Fig 4 Patent Technology Domain Distribution
- Fig 5 Leading Patent Holders
- Fig 6 Geographic Patent Distribution
- Fig 7 Patent Citation and Innovation Network
- Fig 8 Emerging Battery Management System Technology Patent Landscape

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