

Patent Quick Check Report: Smart Phone Case with Wireless Charging

Executive Summary

Product: Phone case with integrated wireless charging pad for AirPods/earbuds

Search Scope: Basic prior art search, Google Patents database

Key Finding: ⚠️ **MODERATE RISK** - Similar concepts exist, design-around needed

Confidence Level: Medium (70%)

Key Patents Identified

US10,367,369B2 - "Wireless charging case" (2019) ● **ACTIVE PATENT**

- **Relevance:** 8/10 - Very similar concept
- **Risk Level:** HIGH - Direct conflict potential
- **Details:** Phone case with built-in charging coil for wireless earbuds

US9,912,172B2 - "Portable charging case" (2018) ● **ACTIVE PATENT**

- **Relevance:** 6/10 - Related charging technology
- **Risk Level:** MEDIUM - Similar functionality
- **Details:** Case with integrated battery and charging contacts

USD825,492S1 - "Phone case design" (2018) ✓ **EXPIRED**

- **Relevance:** 4/10 - Design patent only
- **Risk Level:** LOW - Covers specific appearance only

- **Details:** Ornamental design, now public domain
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Risk Assessment

Patent Risk: MEDIUM-HIGH ⚠️

Active patents exist for similar wireless charging phone case concepts.

Commercial Risk: MEDIUM ⚠️

Market exists but may require licensing or significant design modifications.

Recommendations

Immediate Actions:

1. **Design Around Strategy:** Focus on unique charging mechanism or case design
2. **Professional Patent Search:** Upgrade to Complete Analysis for detailed design-around options
3. **Consider Licensing:** Contact patent holders for potential licensing agreements

Risk Mitigation:

- Avoid direct copying of existing charging coil placement
 - Develop unique aesthetic design elements
 - Consider alternative charging technologies
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Bottom Line: Proceed with caution. Similar products are patented, but design-around opportunities may exist with proper analysis.

This Quick Check provides basic conflict identification. For detailed design-around strategies and comprehensive analysis, upgrade to Complete Analysis.

