APEX STANDARDS
Wi-Fi 6 Standard and Amendments Section Search Engine with Technical Clause Extraction

Maximize the value of your patent portfolio with our Wi-Fi 6 Standards Section Search Engine—tailored for professional inventors, patent attorneys, and portfolio managers. This tool helps identify relevant patents in your portfolio by comparing claims against Wi-Fi 6 (IEEE 802.11ax) standards and amendments.

Use Case Scenarios

Portfolio managers can efficiently identify Wi-Fi 6-related patents by utilizing our search engine, which narrows down results to relevant sections of the standards. This targeted approach helps managers quickly pinpoint patents with potential standard essentiality.

Patent attorneys and inventors can thoroughly evaluate the standard essentiality of patent claims or draft claims. The search engine supports section-level searches, meaning that when users input specific keywords, the results are restricted to relevant sections. This enables the mapping of claim elements to corresponding technical clauses within those sections.

This powerful feature lays the groundwork for pre-claim charting, offering patent holders an early assessment of standard essentiality. It also provides a foundation for more refined claim charts, which can be used in licensing negotiations or even litigation, supporting the process with clear, clause-to-claim mappings.

Our tool helps assess patents' relevancy to Wi-Fi 6 standards and amendments:

802.11-2020: Wireless LAN MAC and PHY specifications.
https://ieeexplore.ieee.org/document/9363693
Amendment 1: Enhancements for High-Efficiency WLAN.
https://ieeexplore.ieee.org/document/9442429

Amendment 2: Enhanced Throughput for License-exempt Bands (45+ GHz).
https://ieeexplore.ieee.org/document/9502046
Amendment 3: Wake-Up Radio Operation.
https://ieeexplore.ieee.org/document/9570110
Amendment 4: Enhancements for Positioning.
https://ieeexplore.ieee.org/document/10058117
Amendment 5: Enhancements for Next Generation V2X (Vehicle-to-Everything).
https://ieeexplore.ieee.org/document/10063942

Key Features & Benefits

Relevant Section Identification: Instantly find relevant sections and clauses, saving time and improving accuracy.

SEP Claim Charting: Expedites creation of SEP claim charts, helping define how patents align with Wi-Fi 6 standards.

Discover Licensing Opportunities: Uncover new licensing candidates and revenue streams.

Generate Licensing Revenue: Monetize patents by identifying potential licensing deals.

Automation & Efficiency: Automates the patent analysis process, reducing manual effort and speeding up decision-making.

Drive Innovation and Revenue

Our tool helps uncover new licensing opportunities and generate revenue from your patents while driving innovation in the Wi-Fi 6 ecosystem. To learn more:

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The user-friendly search interface enables users to select specific documents and search for keywords within technical sections, ensuring precise mapping of claim elements to standard sections—key to meeting standard essentiality requirements in claim charts. For instance, when negotiating Wi-Fi 6 licensing terms, it may be necessary to map a patent's claim elements to sections of the core IEEE 802.11ax (Wi-Fi 6) standard and relevant amendments. The search engine uses keyword-based queries, allowing users to refine and compare results iteratively. Each session is assigned a unique Session ID, with a Q&A history feature that lets users track, save, and document their search history directly in the browser for future reference.