PATENT NO. 410518

Methods And Apparatus Related To Document Processing Based On A Document Type

This patented technology automates the review of complex legal documents such as contracts, EULAs, and privacy policies using intelligent templates and semantic rules, reducing human error and enabling scalable compliance workflows.



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Jurisdiction(s)
India

Scalable Across Industries | AI-Powered Analysis | Policy-Driven Automation | Enterprise Ready

Why This Patent Matters

- Processes a document based on a document template.
- Identifies the document type using text or an associated identifier.
- Selects a template with multiple sections and policy preferences.
- Compates document content using a parsing function with an ontology or semantic rule.
- Applies policies defined in the template to act as a policy filter (e.g., approve, flag, or trigger an action).
- Supports customized templates, updates and notifications based on changes in the document.



KEY PROBLEMS ADDRESSED WITH CORE SOLUTION

Problems



01 Lengthy contracts, EULAs and privacy policies are difficult to review consistently.

02 Key clauses get missed and obligations go untracked.

03 Legal or policy language creates a burden when identifying obligations and restrictions.

04 Different document types require different parsing functions and templates.

05 Changes to previously analyzed documents may go undetected.

Invention Solutions

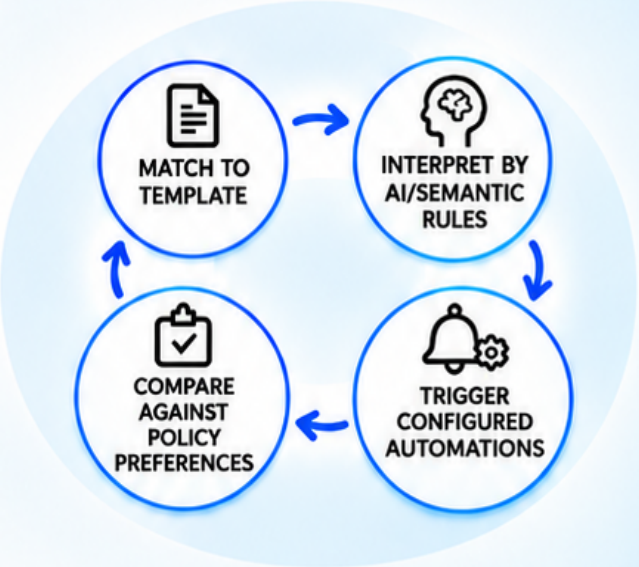
01 Identify Document Type.

02 Select Matching Template & Parsing Function.

03 Interpret Content via Semantic Rules / Ontologies.

04 Compare with Template Sections & Policy Preferences.

05 Trigger Configured Actions Notifications, Access Control, Review Prompts.



Additional Capabilities

- Customized templates based on user preferences.
- Iterative document analysis to refine results.
- Highlights clauses that may require user review.
- Notifications and access-control options.
- Processes different document sections using suitable templates.

Protected Features, Commercial Applications & Licensing Opportunity

Claim-Based Protected Features

- Document type identification and template selection.
- Policy preferences driven workflow/action triggers – notifications, access control, review prompts.
- Semantic interpretation via ontologies, rules, and NLP.
- Historical document analysis for change detection and reporting.

Commercial Applications & Benefits



- Enterprise contract & EULA analysis software: compliance workflow tools; API/DBM integration into document-management systems.
- Configurable, repeatable review workflows with user-specific templates scalable across document types and industries.
- Provides potential integration opportunities across document-processing and enterprise software environments.
- Can support ongoing document-change monitoring using historical data.

Licensing / Acquisition

Available for exclusive or non-exclusive licensing, technology transfer, strategic integration, or outright acquisition.

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