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**Sample et al.**

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(54) **SYSTEM AND METHOD FOR AUTOMATED DISCOVERY, BINDING, AND INTEGRATION OF NON-REGISTERED GEOSPATIAL WEB SERVICES**

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See application file for complete search history.

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(57) **ABSTRACT**

A method and computer system for identifying internet web pages containing documents that comply with a predetermined XML schema. The method includes searching the internet with a search engine for web pages using initial search terms and identifying a first set of HTTP URLs, web crawling at least the first set of HTTP URLs to identify additional HTTP URLs, appending a query to the identified URLs, and evaluating the responses to the query to determine which responses comply with the predetermined XML schema. The XML schema can be a Web Mapping Services schema. The system can store responses that comply with the XML schema in a database of servers, periodically check the database for validity, and convert the map requests for map servers in the database to a GIDB Portal Interface API.

**8 Claims, 14 Drawing Sheets**

