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Koyfman

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(54) **ENCRYPTED TABLE INDEXES AND SEARCHING ENCRYPTED TABLES**

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G06F 21/00	(2006.01)

(52) **U.S. Cl.** **713/193**; 707/7; 707/9

(58) **Field of Classification Search** ..... None
See application file for complete search history.

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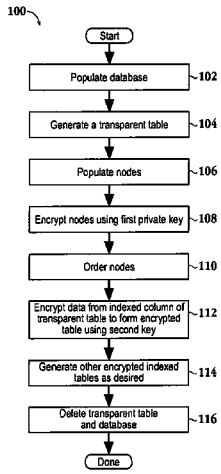
(57) **ABSTRACT**

The present invention teaches a variety of methods for building and searching secure, indexed database tables. Sensitive portions of the database tables and database indexes are encrypted, ordered and searched according to Boolean functions arranged to work with encrypted data. Also disclosed is a database management system that allows authorized users to build and search encrypted tables.

17 Claims, 5 Drawing Sheets