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(54) **IMPORTING DATA USING METADATA**

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(52) **U.S. Cl.** **707/100**; 707/101; 707/6
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,767,854 A * 6/1998 Anwar 715/848

* cited by examiner

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(57) **ABSTRACT**

A method and system for importing data into a data store in
accordance with metadata. The import system provides
metadata that specifies how the import data for various types
of import sources is to be imported into the data store. The
import sources may be categorized according to the type of
data provided by the import sources. When the import
system receives the import data from the import source, it
identifies the type of import source and retrieves the meta-
data defined for that type of import source. The import
system then imports the received import data into the data
store in accordance with the retrieved metadata.

8 Claims, 21 Drawing Sheets