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(54) **SYSTEM AND METHOD FOR AUTHORIZED
DIGITAL CONTENT DISTRIBUTION**

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ABSTRACT

A digital content distribution system uses a Digital Rights Management Controller that performs a set of arbitrary tests against the transfer request from one user to another such as user A to user B. Assuming these tests are successful, the DRM sends an encryption key to transferring user A. This encryption key E is taken from a table of encryption key/hash pairs which have been provided to the DRM Controller by an external authority such as the content rights holder. User A encrypts the content using the key provided by the DRM controller and then optionally calculates a hash over the encrypted form of the content E(X) and returns this value to the DRM Controller. On checking the returned hash against the hash from the table the DRM controller knows that user A does indeed have the digital content X in good condition. The DRM Controller then instructs both users A and B that the transfer may proceed. The encrypted form of the content E(X) is transferred from A to B. Once the content transfer has completed B ensures that the received content has been physically written to non-volatile storage (to account for crashes etc. during the next step). B then calculates a hash over the received content and returns this value to the DRM Controller. If this value matches the value previously given then the transfer has been successful and the DRM Controller updates whatever central records are appropriate, while also returning a decrypt key to B to allow it to decrypt the content.

