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(54) **DIGITAL CONTENT SERVICES OVER THE INTERNET THAT TRANSMIT OR STREAM PROTECTED DIGITAL CONTENT TO MOBILE DEVICES, DISPLAY DEVICES, AUDIO OUTPUT DEVICES, PRINTING DEVICES, TELEVISIONS, OR TELEVISION CONTROLLERS**

(58) **Field of Classification Search**
CPC H04L 12/2812; H04L 41/509; H04N 7/24
See application file for complete search history.

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(57) **ABSTRACT**

Digital content services provided over the Internet for transmitting or streaming protected digital content to client or output devices are herein disclosed and enabled. The protected digital content is encrypted and device dependent or specific for rendering or playing at a limited number of devices, including smart phones, information pads, audio players, wireless controllers, televisions, printers, etc. To illustrate, a client may include an application for accessing digital content from a subscribed content service or store over the Internet. To access the digital content, a client application may send, to the content service or store, authentication information, subscription information, and/or a reference to selected digital content. The service then generates encrypted device dependent output data, related to the selected digital content and associated with a device previously registered with the service, for transmitting or stream-
(Continued)

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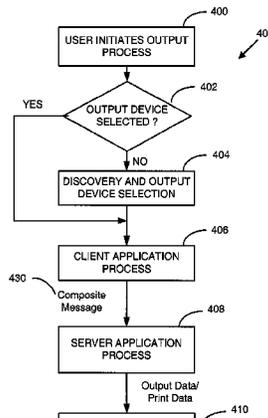
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ing to the client or output devices (e.g., smart phones, television controllers, speakers, printers) for rendering.

20 Claims, 10 Drawing Sheets

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