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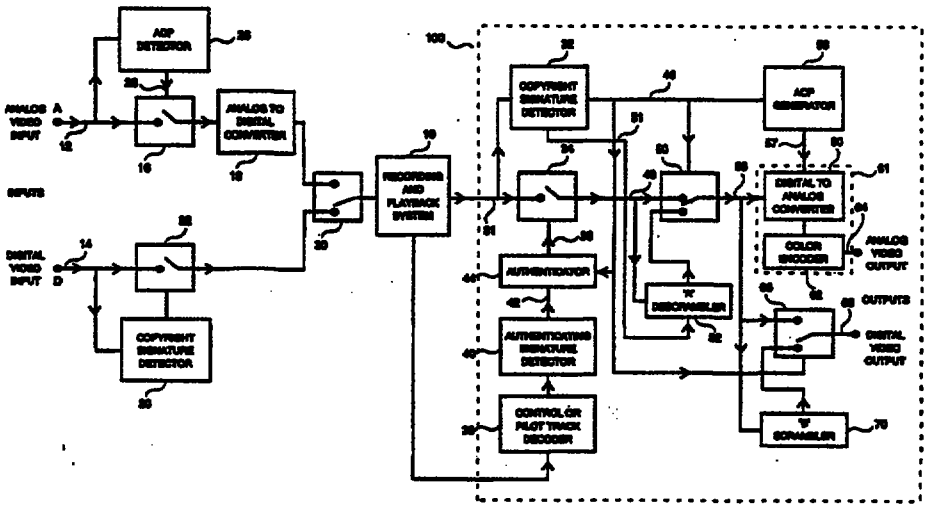
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(54) Title: APPARATUS AND METHOD FOR COMPREHENSIVE COPY PROTECTION FOR VIDEO PLATFORMS AND UNPROTECTED SOURCE MATERIAL



(57) Abstract

A video recording platform prevents both analog and digital copying of copy protected material. The platform may input and output both analog and digital video signals. At said analog input, a detector (26) detects conventional copy protection in the analog input video, and in response disables recording thereof. At the digital input, a first detector (20) detects a copyright signature present in the input material and in response prevents recording. A specially adapted video recorder, playback device (10, 100) or set top decoder copy protects video source material which has a copyright signature. A copyright signature is provided in a predetermined location in said video signal to be protected. The video recorder, playback device (10, 100), or set top decoder upon detection of the copyright signature on its input or at playback, modifies the output standard (NTSC) video signal with a conventional copy protection process and the digital output with a new copyright signature. The input digital signal may contain a scrambling of the digital video signal in addition to the copy protection signature. In addition, an authenticating signature may be added to the digital video signal and detected as part of the copy protection process. As part of the copy protection, a television receiver includes a copy protection and descrambling system.

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0700448-3