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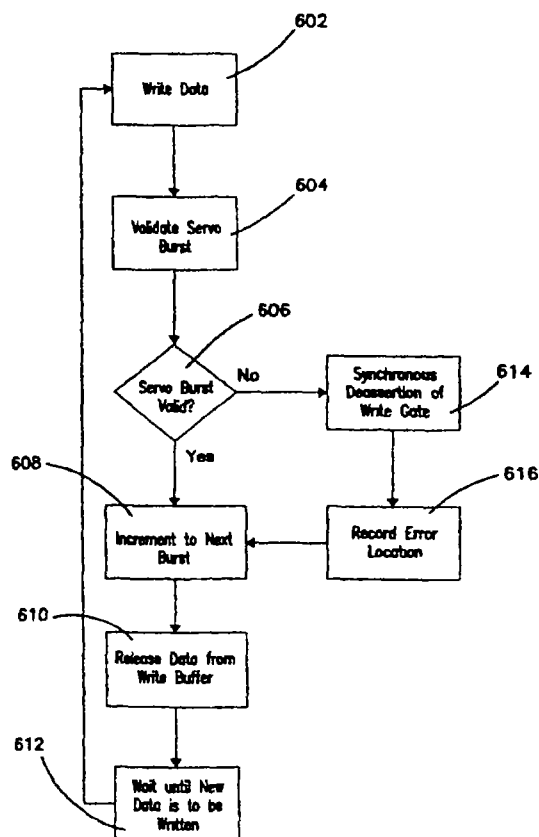
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tumn Ridge Boulevard, Lafayette, CO 80026-8834 (US)For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette(54) Title: AUDIO-VISUAL DISK DRIVE OPTIMIZED FOR RESPONSE TO AN OFF-COURSE HEAD DURING A WRITE
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(57) Abstract: Herein is described a method and apparatus for optimizing a disc drive for audio-visual data storage and retrieval by responding to a certain write-time error in a manner that preserves data flow. In response to a write-time error in which information obtained from a servo burst indicates that the disc drive's head was either off course or anticipated to go off course, the disc drive responds by ceasing to write to the disc in synchronization with the end of writing a sector, so that a sector is no left half-written. The disc drive then transfers the sector numbers of the sectors which were improperly written or unwritten to the host. The disc drive attempts to continue writing to the disc in subsequent sectors, as soon as servo sectors once again indicate that the head is sufficiently re-centered on the track. Further, if the servo data indicates that the head may not have been well-centered between a current and previous servo burst, the sectors between those servo bursts will also be indicated to the host.



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