DISC DRIVE PATTERN ZERO VERIFICATION TEST

ABSTRACT OF THE DISCLOSURE

In a pattern zero verification test, a data track of a disc drive is read. During the reading of the data track, on-the-fly counting of potential non-zero data bytes (potential count), sectors on which ECC correction has been performed (corrected sector count), and user data bytes on which ECC correction has been performed (corrected byte count) is performed. Next, various conditions of the potential, corrected sector, and corrected byte counts are checked to determine whether the data track includes only zero data bytes.

Figure 6