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(54) Title: POWER SAVING METHOD AND APPARATUS FOR USE IN MULTIPLE FREQUENCY ZONE DRIVES

(57) Abstract

A multiple frequency zoned disk storage device in which data is read from and/or written to the disk (100) at two or more discrete disk velocities (ω_j) is disclosed. The disk storage device includes a low power mode where information is read/written from/to the disk (100) while the disk velocity (ω_j) is reduced to conserve power. The allocation track locations into zones (101) on the drive reduces the number of zone bit frequencies the storage device must handle.

