ABSTRACT

OPTICAL DISC DRIVE APPARATUS AND METHOD

An optical disc drive (175) has a voice coil motor (220) that carries and moves focal optics (215) to focus a laser beam (240) onto an optical disc (235). The voice coil motor (220) is responsive to input signals (281) which are based on a calibrated temperature. A temperature measurement (290) is made at the voice coil motor (220) for an operating temperature, and a difference is calculated between calibrated and operating temperatures. The temperature differences are used to calculate adjustment in input signals (281) used to drive the voice coil motor (220).

(FIG. 3)