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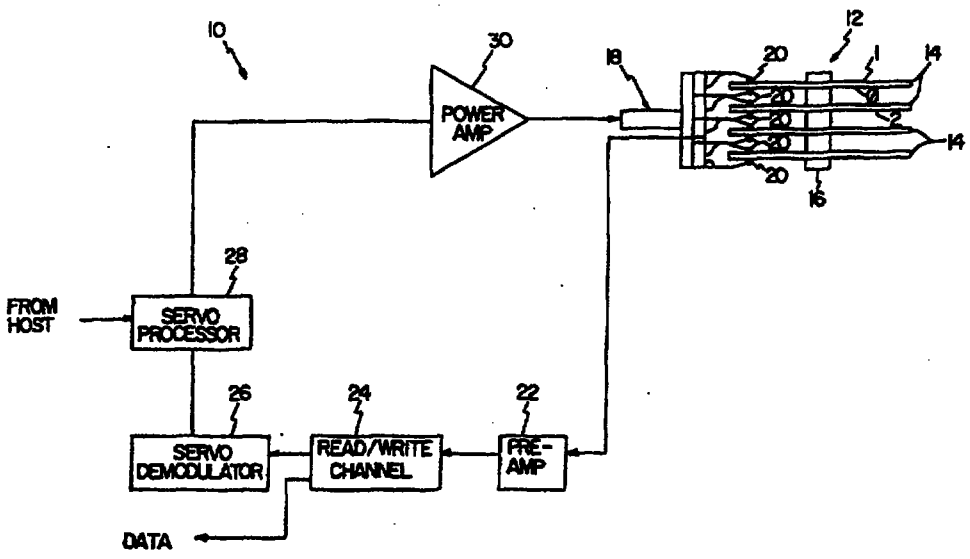
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(54) Title: DISC DRIVE SERVO SYSTEM WITH DUAL HEAD SAMPLING



(57) Abstract

A servo system (10, 38) positions a transducer (20) over a disc surface in a disc drive system. Disc surfaces in the drive each have a plurality of spaced servo samples (32, 34) recorded thereon. The servo samples (32, 34) on at least two of the disc surfaces (0, 1) are recorded in skewed relation to one another. A plurality of transducers (20) are provided and one transducer (20) is associated with each one of the plurality of disc surfaces (0, 1). An actuator arm assembly (18) is coupled to the transducers (20) to move the transducers (20) relative to the disc surfaces. A servo control system is coupled to the actuator arm assembly (18) to control position of the actuator arm assembly (18). The servo control system includes a reader (24) configured to read servo samples (32, 34) from at least two disc surfaces (0, 1) such that at least two servo samples (32, 34) are read within one servo time period (t_1).