ABSTRACT

A METHOD OF AND SYSTEM FOR DEMODULATING POSITION INFORMATION SIGNALS PROVIDED BY A TRANSDUCER

A demodulating system (8) for demodulating position information signals provided by a tranducer (14) in response to position information read from a quadrature field (PES2) and a normal field (PES1) on a disk in a data storage system (10) comprises: rectifier means (66), coupled to the transducer (14), for rectifying the position information signals to provide rectified position signals; and an integrating capacitor (84), coupled to the rectifier means, for integrating the rectified position signals to produce position error signals, the integrating capacitor being used to integrate the rectified position signals corresponding to position information read from both the quadrature field and the normal field.

[Figure 6A]

This Sheet Has Been Replaced

