

EXTRACTION OF TRANSDUCER POSITION INFORMATION
FROM BIT PATTERNED MAGNETIC MEDIA

ABSTRACT

Extracting transducer position information from bit patterned magnetic media includes providing a magnetic storage medium having at least one data array with multiple discrete and separated recording bits and providing the transducer adjacent the data array. A readback signal dependent upon the multiple recording bits is generated with the transducer. Determining the transducer position information further includes generating at least a first position signal and a second position signal from the readback signal.

FIGURE 11