SYSTEM AND METHOD FOR CONTROLLING WRITE
TO MINIMIZE ATI AND SQUEEZE EFFECTS

ABSTRACT OF THE DISCLOSURE

Values for baseline write current and/or kick amplitudes from the baseline are determined for each head for each disk sector it writes and stored in a table. The values are determined so as to achieve a desired overwrite level. During operation, the values are looked up and applied to the heads depending on the particular sector being written. The values may be dynamically varied for temperature deviations from a baseline value.

Figure 2