

DATA STORAGE DEVICE AND METHOD OF MANAGING A CACHE IN A DATA STORAGE DEVICE

ABSTRACT

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A data storage device is provided. The data storage device includes a data storage medium having a plurality of data blocks, a cache having a plurality of cache blocks, wherein each cache block is identified by a cache block address, a cache control memory including a memory element for each data block configured to store the cache block address of the cache block in which data of the data block is written.

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Figure 4