

ABSTRACT OF THE DISCLOSURE (FIG. 1)

"METHOD AND APPARATUS FOR TURBO CODING AND
DECODING IN READ AND WRITE CHANNEL OF A DISK DRIVE"

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There is disclosed a disk drive in which
a read/write channel including a concatenated turbo
codec is used. The turbo codec includes an RSC
encoder using a code length M as a unit to code
10 a sequence to an RSC sequence in a relation between
an interleaver length N and code length M in which
a relation equation " $N = c \cdot M$, $c > 1$ " is established, and
an APP decoder which executes APP decoding processing
with respect to the RSC sequence.



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