

METHOD OF AND APPARATUS FOR RECORDING DATA ON WRITE-ONCE
DISC AND WRITE-ONCE DISC THEREFOR

Abstract

A write-once disc for a disc reproducing apparatus, comprising: a plurality of temporary disc management areas in which a temporary disc management structure is stored, the temporary disc management structure comprising a temporary defect list which comprises a first pointer pointing to the location of a defective area and a second pointer pointing to the location of a replacement area replacing the defective area, and a temporary disc definition structure which comprises location information of the temporary defect list; an access information area comprising a plurality of unit blocks corresponding to the plurality of temporary disc management areas, which indicates a temporary disc management area in which a finally updated temporary disc management structure is stored among the plurality of temporary disc management areas based on the unit block corresponding to the temporary disc management area in which the finally updated temporary disc definition structure is stored; wherein the temporary disc definition structure comprises address information which allows the apparatus to find a location of the temporary disc management area, wherein the finally updated temporary disc management structure is recorded in a defect management area provided in a lead-in area of the write-once disc when the write-once disc is finalized.

Fig. 8