

RECORDING MEDIUM, RECORDING APPARATUS, REPRODUCTION
APPARATUS, RECORDING METHOD AND REPRODUCTION METHOD

ABSTRACT OF THE DISCLOSURE

In a write-once media, by using a selected area such as an area starting from a postscript-recording point in the main data area as an alternate area, by determining whether or not an address specified in a request such as a write request is an address at which data has been recorded on the basis of information on a sequential recording range and by recording pieces of alternate-address management information for replacing defective locations on the media and for renewing data recorded on the media in a table by letting the pieces of information coexist in the table, defective locations on the media can be replaced with other locations and data already recorded on the media can thus be renewed even without providing pre-allocated alternate area on the media. In addition, if the media is provided with an alternate area and the alternate area becomes insufficient for alternate-address processing, a selected region in the main data area can be used as a region supplementary to the insufficient alternate area. An example of the region is an area starting from a postscript-recording point mentioned above.

FIG.1