

OPTICAL INFORMATION STORAGE MEDIUM

ABSTRACT

A reproducing apparatus for use with a read-only optical information storage medium comprising a burst cutting area having a bar code, a lead-in area, and a user data area, the apparatus comprising: a reading unit configured to read data recorded in a form of pits in at least one of the lead-in area and the user data area; and a controller configured to control the reading unit to reproduce the data from the burst cutting area, said burst cutting area having an area in which a pattern comprising a sequence of pits is repeatedly recorded, wherein the pattern comprising the sequence of pits is other than the bar code and the pattern comprising the sequence of pits indicates 00h, wherein a first recording modulation method used for the pattern comprising the sequence of pits is different from a second recording modulation method used in at least one of the lead-in area and the user data area, and wherein the second recording modulation method comprises a RLL (d, k) recording modulation method, wherein at least one of the burst cutting area, the lead-in area, the user data area, and the lead-out area is divided into a plurality of sub-areas, and the pits in the sub-areas are formed using the first or second recording modulation method.

Fig. 1