Abstract

Compatible recording or reproduction device

The invention relates to a compatible recording or reproduction device with three-point scanning for recording media having different track spacings.
The object of the invention, therefore, is to make it possible, without changing the setting of the three-point scanning system, to use recording media having different track spacings in this device.
According to the invention, the three-point scanning system is set in such a way that the scanning centre points have a lateral spacing from one another which is approximately both an integer multiple of one quarter of the track spacings and a common multiple of the different track spacings.
Accordingly, the spacing of the scanning centre points for a compatible recording and reproduction device for SD and CD is selected in such a way that it amounts to approximately 7/4 of the track spacing of the recording medium having the smaller track spacing and approximately 3/4 of the track spacing of the recording medium having the larger track spacing. The recording medium having the smaller track spacing is the SD and the recording medium having the larger track spacing is the CD. The area of application of the invention relates to compatible recording or reproduction devices with three-point scanning for recording media having different track spacings.

Figure 2

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