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Klappert et al.

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[54] **METHOD AND APPARATUS FOR COMBINING CD-ROM DATA AND DIGITAL AUDIO ON A SINGLE DISC**

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[57] **ABSTRACT**

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A method for combining CD-ROM and CD-DA audio data on a single compact disc to reduce the amount of noise which is heard when the compact disc is played back on a player which is not specially adapted to play compact discs with both CD-ROM and CD-DA audio data. Presently, there are three (3) methodologies embodying the invention. In the first, the CD-ROM, i.e., CD-ROM boot blocks are placed in Track 1, Index 1; the CD-DA audio tracks are placed in tracks (2, 3, . . . , N) and the CD-ROM data files are placed in track (N+1). In the second, the entire CD-ROM Volume is placed in Track 1, Index 0; the first CD-DA audio track is placed in Track 1, Index 1, and all other CD-DA audio tracks are placed in tracks 2, 3, . . . , N. In the third, the entire CD-ROM Volume is placed in Track 1, Index 0 as in the second. However, in the third, the boot blocks for the CD-ROM volume are repeated in Track 1, Index 1, with all CD-DA audio selections being placed in tracks 2, 3, . . . , N.

[51] **Int. Cl.⁶** **G11B 5/09**

[52] **U.S. Cl.** **364/59; 369/54; 360/48**

[58] **Field of Search** 369/275.3, 59,
369/32, 47-48, 54, 58, 60, 124; 360/48-49,
40, 51, 72.02, 19.1

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18 Claims, 3 Drawing Sheets

