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(21) International Application Number: PCT/EP99/08940 (22) International Filing Date: 12 November 1999 (12.11.99) (30) Priority Data: 98203984.4 25 November 1998 (25.11.98) EP (71) Applicant: KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). (72) Inventor: RIJCKAERT, Albert, M., A.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). (74) Agent: VAN DER KRUK, Willem, L.; Internationaal Oc- trooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eind- hoven (NL).		(81) Designated States: JP, KR, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: RECORDING AND REPRODUCING A DIGITAL INFORMATION SIGNAL IN A FIRST OR A SECOND RECORDING / REPRODUCING MODE ON/FROM A RECORD CARRIER

(57) Abstract

The invention relates to a recording apparatus for recording a digital information signal in a first or a second recording mode on a record carrier (140). The transport velocity (V_1) of the record carrier in the first recording mode is k times the transport velocity (V_2) in the second recording mode, where k is a constant larger than 1. A trick play signal generating unit (116) generates a first (respectively second) trick play signal when the apparatus is in said first (respectively second) recording mode. The merged digital information signal and trick play signal is recorded on said record carrier so as to enable

in a reproduction apparatus for reproducing said digital information signal (m) a first reproduction mode for reproducing said digital information signal, when recorded by the recording apparatus in said first recording mode, (n) a second reproduction mode for reproducing said digital information signal, when recorded by the recording apparatus in said second recording mode, (o) a third reproduction mode for reproducing said first trick play signal, when recorded by the recording apparatus in said first recording mode, (p) a fourth reproduction mode for reproducing said second trick play signal, when recorded by the recording apparatus in said second recording mode. The velocity of the record carrier which is substantially equal for both third and fourth reproduction modes.

