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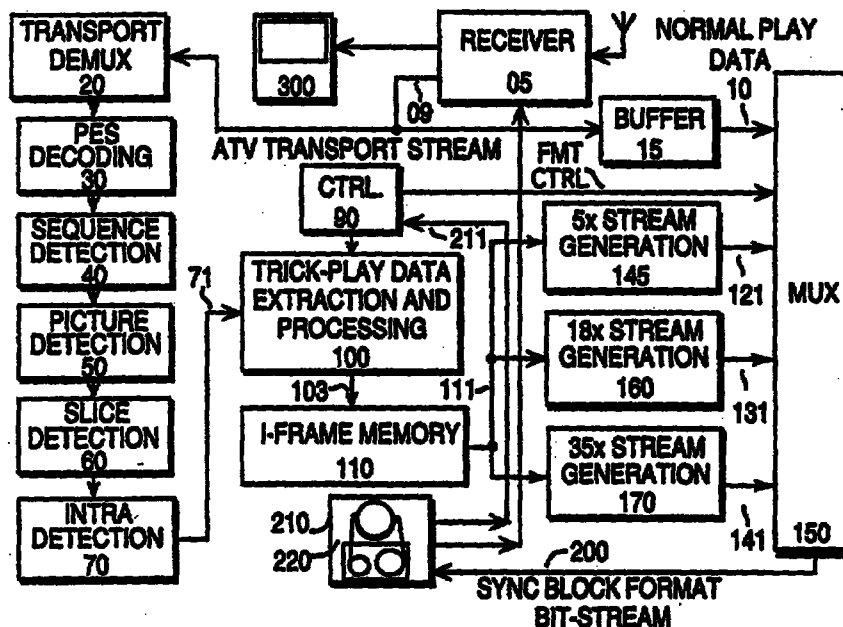


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : H04N 9/79	A1	(11) International Publication Number: WO 96/13128 (43) International Publication Date: 2 May 1996 (02.05.96)
(21) International Application Number: PCT/US95/12421 (22) International Filing Date: 29 September 1995 (29.09.95) (30) Priority Data: 9421206.5 20 October 1994 (20.10.94) GB (71) Applicant (for all designated States except US): THOMSON CONSUMER ELECTRONICS, INC. [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290-1024 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): McLAREN, David, Lionel [NZ/US]; Apartment 306, 243 Buena Vista Avenue, Sunnyvale, CA 94086 (US). (74) Agents: TRIPOLI, Joseph, S. et al.; GE & RCA Licensing Management Operation, Inc., CN 5312, Two Independence Way, Princeton, NJ 08540 (US).	(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG , MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG , SI, SK, TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD, SZ, UG). Published With international search report.	

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(54) Title: DIGITAL VCR WITH TRICK PLAY STREAM DERIVATION ✓



(57) Abstract

A consumer digital video cassette recorder (210) may record an advanced television signal (09) having an MPEG like signal format. The predictive nature of the MPEG like signal format requires that additional I frame data be generated and recorded together with a normal play speed data stream (10) to facilitate non-standard speed, or trick play reproduction. Additional I frame data streams (121, 131, 141) are generated specifically for each replay speed and are written within recorded tracks to facilitate reproduction at the predetermined speeds. Various inventive methods for the derivation of full resolution and reduced resolution trick play data streams are disclosed. Inventive trick play data stream generation is disclosed for real time recording by consumer apparatus and non-real time normal and trick play data stream generation for use with pre-recorded digital media.