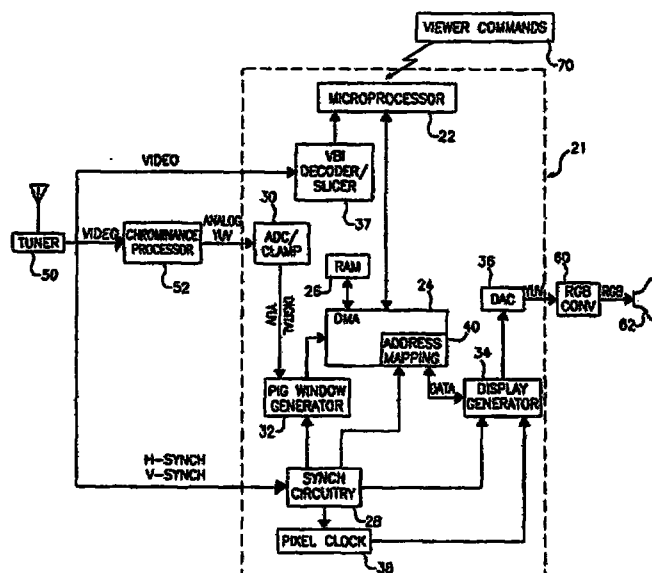




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04N 5/50, 5/445	A1	(11) International Publication Number: WO 99/38322 (43) International Publication Date: 29 July 1999 (29.07.99)
(21) International Application Number: PCT/US99/01906 (22) International Filing Date: 26 January 1999 (26.01.99) (30) Priority Data: 60/072,428 26 January 1998 (26.01.98) US (71) Applicant (for all designated States except US): E GUIDE, INC. [US/US]; West Tower, 7th floor, 9100 Wilshire Boulevard, Beverly Hills, CA 90212 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): TANG, Hin, K. [-/US]; Apartment A, 855 W. Arcadia Avenue, Arcadia, CA 91007 (US). O'CONNOR, Dan [US/US]; 209 Burlington Road, Bedford, MA 01730 (US). YUEN, Henry, C. [US/US]; P.O. Box 438, Pasadena, CA 91102-0438 (US). (74) Agent: RAHN, LeRoy, T.; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.

(54) Title: PICTURE-IN-GUIDE GENERATOR**(57) Abstract**

A picture-in-guide generator (21) has an output adapted to drive a display monitor (62) and an input adapted to receive a television signal. A display generator (34) feeds drive signals to the output in synchronism with the display monitor (62). EPG information is extracted from the television signal and stored in memory (26). The pixel size of the television signal is reduced. The reduced pixel size television signal is stored in memory (26). The EPG data and the television signal are retrieved from memory (26) and stored in the display generator (34). The EPG data and the television signal are fed from the display generator (34) to the output in a continuous data stream ordered to produce a picture-in-guide display (10) on the monitor (62). Preferably, the picture-in-guide generator (21) is implemented on a single integrated circuit chip.