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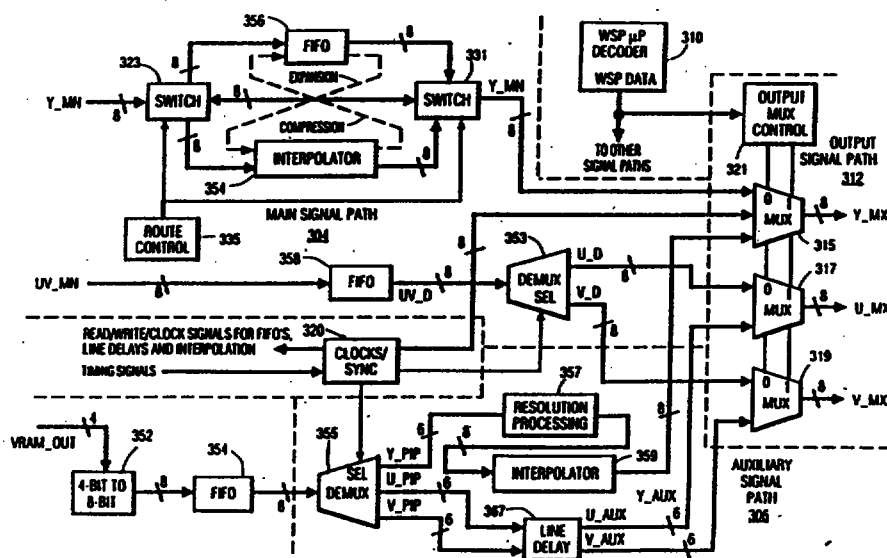
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(21) International Application Number: PCT/US91/03746 (22) International Filing Date: 29 May 1991 (29.05.91) (30) Priority data: 9012326.6 1 June 1990 (01.06.90) GB (71) Applicant (for all designated States except US): THOMSON CONSUMER ELECTRONICS, INC. [US/US]; 600 North Sherman Drive, Indianapolis, IN 46201 (US). (72) Inventor; and (75) Inventor/Applicant (for US only) : WILLIS, Donald, Henry [US/US]; 5175 East 74th Place, Indianapolis, IN 46240 (US). (74) Agents: MELLER, Michael, N. et al.; M.N. Meller & Associates, P.O. Box 2198, Grand Central Station, New York, NY 10163 (US).		(81) Designated States: AT (European patent), AU, BB, BE (European patent), BF (OAPI patent), BG, BJ (OAPI patent), BR, CA, CF (OAPI patent), CG (OAPI patent), CH (European patent), CI (OAPI patent), CM (OAPI patent), DE (European patent), DK (European patent), ES (European patent), FI, FR (European patent), GA (OAPI patent), GB (European patent), GN (OAPI patent), GR (European patent), HU, IT (European patent), JP, KP, KR, LK, LU (European patent), MC, MG, ML (OAPI patent), MN, MR (OAPI patent), MW, NL (European patent), NO, PL, RO, SD, SE (European patent), SN (OAPI patent), SU, TD (OAPI patent), TG (OAPI patent), US. Published <i>With international search report.</i> This Sheet Has Been Replaced

(54) Title: SYNCHRONIZING SIDE BY SIDE PICTURES



(57) Abstract

A video display system comprises a first video signal source (304) of a first picture and a second video signal source of a second picture. A first signal processor (304) speeds up the first video signal. The second video signal (306) is vertically synchronized with the first video signal. The second video signal is delayed by a fraction of a field period in a field memory. A second signal processor (306) speeds up the synchronized second video signal. The first and second video signals are combined for side-by-side display of the pictures. If the first and second display format ratios are each approximately 4:3 and the third display format ratio is approximately 16:9, each of the side-by-side pictures can be displayed in a format display ratio of approximately 8:9. If each of the video signals is speeded up by approximately 4/3 and cropped horizontally by approximately 1/3, each of the side-by-side pictures is displayed substantially without aspect ratio distortion.