



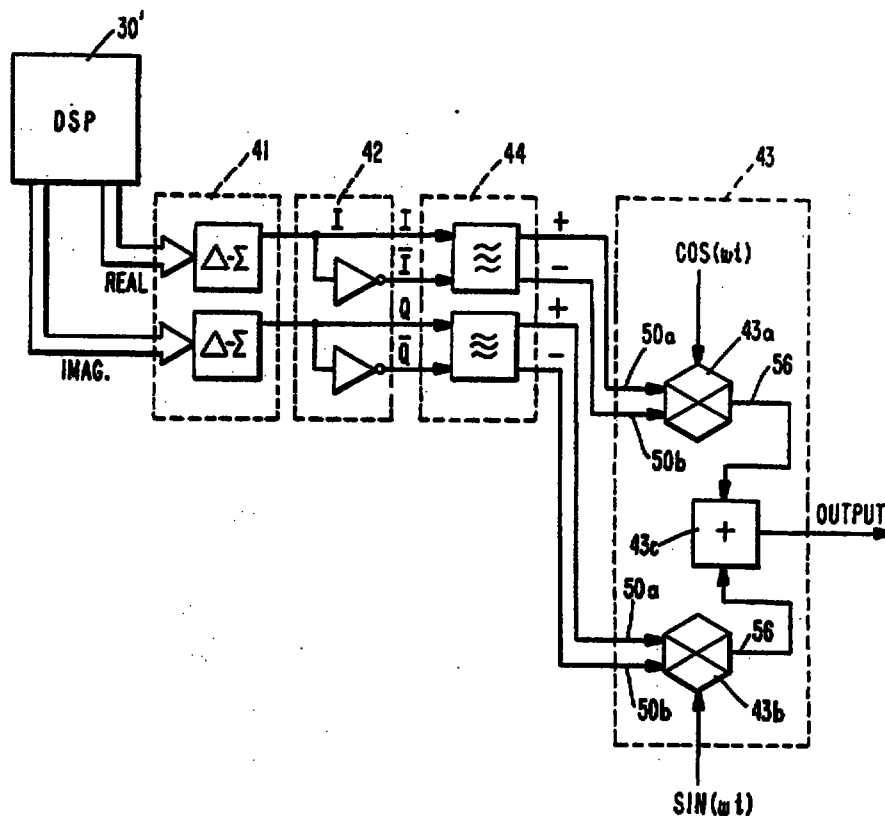
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H03C 1/54, H04L 27/20, H03H 7/01, 1/02		A3	(11) International Publication Number: WO 96/08865
			(43) International Publication Date: 21 March 1996 (21.03.96)
(21) International Application Number: PCT/US95/11745 (22) International Filing Date: 14 September 1995 (14.09.95) (30) Priority Data: 08/305,702 14 September 1994 (14.09.94) US (71) Applicant: ERICSSON INC. [US/US]; One Triangle Park, P.O. Box 13969, Research Triangle Park, NC 27709 (US). (72) Inventor: DENT, Paul, W.; Stehags Prastgard., S-240 36 Stehag (SE). (74) Agents: GRUDZIECKI, Ronald, L. et al.; Burns, Doane, Swecker & Mathis, P.O. Box 1404, Alexandria, VA 22313-1404 (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, 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 <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> (88) Date of publication of the international search report: 18 April 1996 (18.04.96)

(54) Title: QUADRATURE MODULATOR WITH INTEGRATED DISTRIBUTED RC FILTERS

(57) Abstract

A quadrature modulator for generation of complex modulated signals includes a unique pair of balanced, low-pass filters which, through a switching arrangement for switching into and out of the circuit distributed RC line sections and corresponding ground resistances are able to redress problems associated with manufacturing tolerances.



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