020048874-4.
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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : H04B 1/707, 1/16, H04Q 7/32	A1	(11) International Publication Number: WO 99/48221
		(43) International Publication Date: 23 September 1999 (23.09.99)

(21) International Application Number: PCT/US99/05782

(22) International Filing Date: 16 March 1999 (16.03.99)

(30) Priority Data:
09/039,985 16 March 1998 (16.03.98) US

(71) Applicant: QUALCOMM INCORPORATED [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

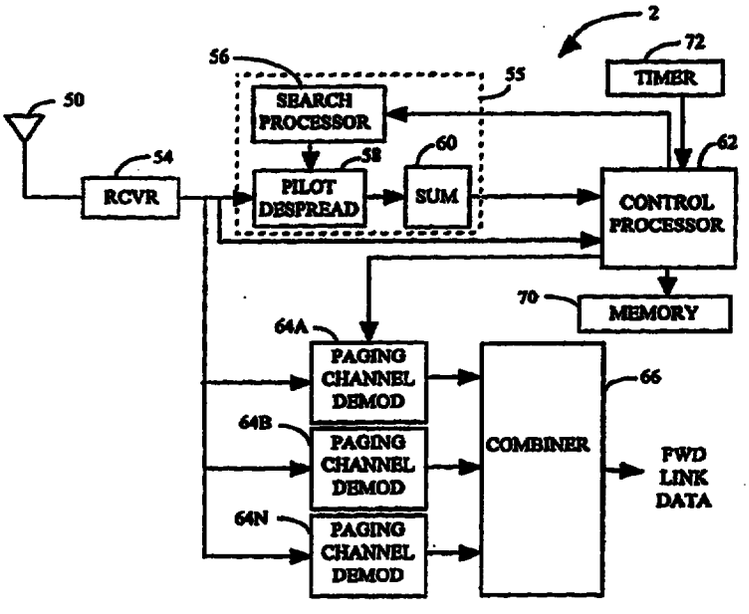
(72) Inventor: BAYLEY, Gwain; 5124 Hilda Road, San Diego, CA 92110 (US).

(74) Agents: MILLER, Russell, B. et al.; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (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, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, 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: ADAPTIVE REACQUISITION TIME IN A SLOTTED PAGING ENVIRONMENT



(57) Abstract

A method and circuit for adaptively determining a pilot signal reacquisition time. A searcher subsystem (55) measures a phase of the pilot signal. A control processor (62) measures a magnitude of a shift in the pilot signal phase, compares the measured magnitude to a shift threshold, and decreases the reacquisition time if the measured magnitude is not greater than the shift threshold. The control processor (62) also may compare the reacquisition time to a minimum reacquisition time, and decrease the reacquisition time only if the reacquisition time is greater than the minimum reacquisition time. Additionally, the control processor (62) may increase the reacquisition time to a maximum reacquisition time if the measured magnitude is greater than said shift threshold.