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(21) International Application Number: PCT/US97/04382 (22) International Filing Date: 20 March 1997 (20.03.97) (30) Priority Data: 08/622,631 27 March 1996 (27.03.96) US (71) Applicant: ERICSSON INC. [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US). (72) Inventors: PRZELOMIEC, Thomas, A.; 5808 Rhonda Road, Lynchburg, VA 24502 (US). BROWN, Thomas, A.; Route 7, Box 73, Lynchburg, VA 24503 (US). (74) Agents: GRUDZIECKI, Ronald, L. et al.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (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, GE, HU, IL, 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, TJ, TM, TR, TT, UA, UG, UZ, VN, ARIPO patent (GH, KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, 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). Published With international search report.

(54) Title: CONTROL CHANNEL SYNCHRONIZATION BETWEEN DBC AND CELLULAR NETWORKS

(57) Abstract

A downbanded Cellular network (DBC) is provided to supplement an adjacent or coincident standard Cellular network. The control channels used by the DBC and standard Cellular network are synchronized to ensure proper hand-off between the DBC network and the standard network. Synchronization is achieved by monitoring the separation in time between timing pulses transmitted by the DBC network and the standard Cellular network.

