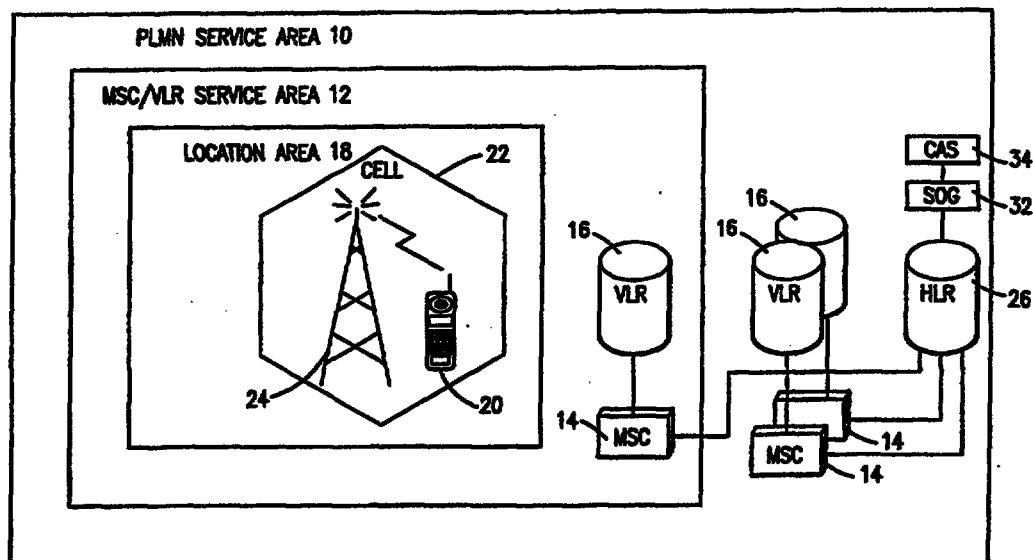




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H04Q 7/38, 7/22		A2	(11) International Publication Number: WO 98/27781
			(43) International Publication Date: 25 June 1998 (25.06.98)
(21) International Application Number: PCT/US97/22609 (22) International Filing Date: 15 December 1997 (15.12.97) (30) Priority Data: 08/768,812 18 December 1996 (18.12.96) US (71) Applicant: ERICSSON INC. [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US). (72) Inventors: BOLTZ, David; 901 Lochness Lane, Garland, TX 75044 (US). ALPEROVICH, Vladimir; 18419 Rain Dance Trail, Dallas, TX 75044 (US). VALENTINE, Eric; 1600 Brazos Trail, Plano, TX 75075 (US). PATEL, Mahesh; 6529 Roundrock Trail, Plano, TX 75252 (US). JOENSUU, Erkki; Kiertotie 8, FIN-02580 Siuntio (FI). (74) Agents: MOORE, Stanley, R. et al.; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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, GH, GM, GW, HU, ID, 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, SL, TJ, TM, TR, TT, UA, UG, 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, 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 <i>Without international search report and to be republished upon receipt of that report.</i>	
		This Sheet Has Been Replaced 	

(54) Title: **SELECTIVE CARRIER DENIAL FOR MOBILE SUBSCRIBERS**

(57) Abstract

Selective carrier denial in a cellular system restricts some or all carrier-handled calls from a given cellular subscriber while simultaneously allowing other cellular calls. A restriction flag or indicator in a Visitor Location Register (VLR) of the cellular system is set by a Home Location Register (HLR) which contains a list of those carriers denied to subscribers. When the restriction flag is set, the HLR is interrogated to determine if the call is restricted. Alternatively, the restriction flag may reside within the subscriber's mobile phone. Further, the VLR or mobile phone may, respectively, contain a list of denied carriers and internally determine if carrier denial applies without resort to the HLR.