

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
8 March 2007 (08.03.2007)

PCT

(10) International Publication Number
WO 2007/025971 A1

(51) International Patent Classification:
H04Q 7/38 (2006.01)

(74) Agents: **ONSHAGE, Anders** et al.; Nya Vattentornet, S-221 83 Lund (SE).

(21) International Application Number:
PCT/EP2006/065784

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(22) International Filing Date: 29 August 2006 (29.08.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/712,508 30 August 2005 (30.08.2005) US
11/286,973 23 November 2005 (23.11.2005) US

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (for all designated States except US): **Telefonaktiebolaget LM Ericsson (publ)** [SE/SE]; S-164 83 Stockholm (SE).

(72) Inventors; and

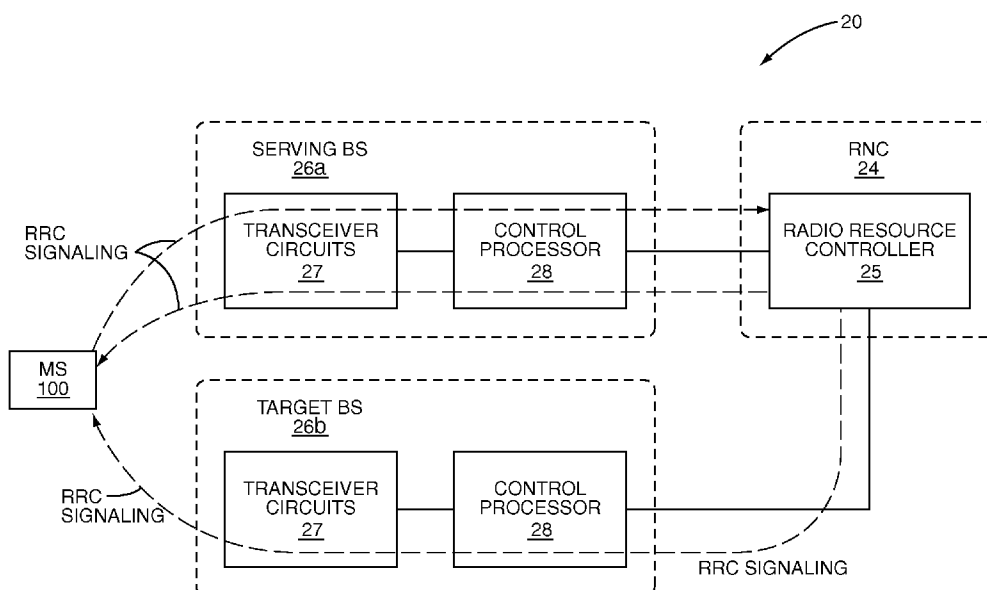
(75) Inventors/Applicants (for US only): **LINDOFF, Bengt** [SE/SE]; Morkullevägen 45, S-237 36 Bjärred (SE). **NILSSON, Johan** [SE/SE]; Trulsibrunnvägen 20 A, S-236 38 Höllviken (SE). **SYNNERGREN, Per** [SE/SE]; Fältspatstigen 10, S-977 53 Luleå (SE).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **ROBUST RADIO RESOURCE CONTROL SIGNALING FOR HSDPA**



(57) Abstract: A radio network controller is operable in both a unicast signaling mode and a bi-cast signaling mode. In unicast signaling mode, the radio network controller is operable to send radio resource control signals to a mobile station through a serving cell. The radio network controller is operable to go into bi-cast signaling mode during a hard handover. In the bi-cast signaling mode, the radio network controller is operable to send radio resource control messages to the mobile station through both the current serving cell and a target cell. The mobile station is configured to listen to both the current serving cell and the target cell for radio resource control messages. User data, however, is transmitted only from the current serving cell to the mobile station.

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