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(21) International Application Number: PCT/SE99/00661 (22) International Filing Date: 23 April 1999 (23.04.99) (30) Priority Data: 09/064,830 23 April 1998 (23.04.98) US (71) Applicant: TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE). (72) Inventors: SZABÓ, István; Kertesz József Ut 3, H-5300 Karcag (HU). GÖRAN, Wilhelm, Lars; Scheffers gränd 13, S-135 63 Tyresö (SE). (74) Agent: ERICSSON RADIO SYSTEMS AB; Common Patent Department, S-164 80 Stockholm (SE).		(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, 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, 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 <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: BEARER INDEPENDENT SIGNALING PROTOCOL		
(57) Abstract In a telecommunication network, an ATM Adaptation Layer (2) (AAL2) signaling protocol is employed independent of the signaling bearer service being used in transport signaling messages to and from various network entities, such as mobile switching centers, radio network controllers and cell base stations in, for example, a mobile telecommunications network. This is achieved by dividing the functionality of the AAL2 signaling protocol into a number of functional sublayers including an AAL2 Signaling Common Part (CAP), a Bearer Coordination Part (BCP) and a Bearer Adaptor Part (BAP), wherein the BAP adjusts incoming and outgoing messages so that they are compatible with the AAL2 signaling protocol or the underlying signaling bearer service respectively.		