

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
15 September 2005 (15.09.2005)

PCT

(10) International Publication Number
WO 2005/086430 A1

(51) International Patent Classification⁷: **H04L 12/56**

(21) International Application Number:
PCT/EP2004/002414

(22) International Filing Date: 9 March 2004 (09.03.2004)

(25) Filing Language: English

(26) Publication Language: English

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(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, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

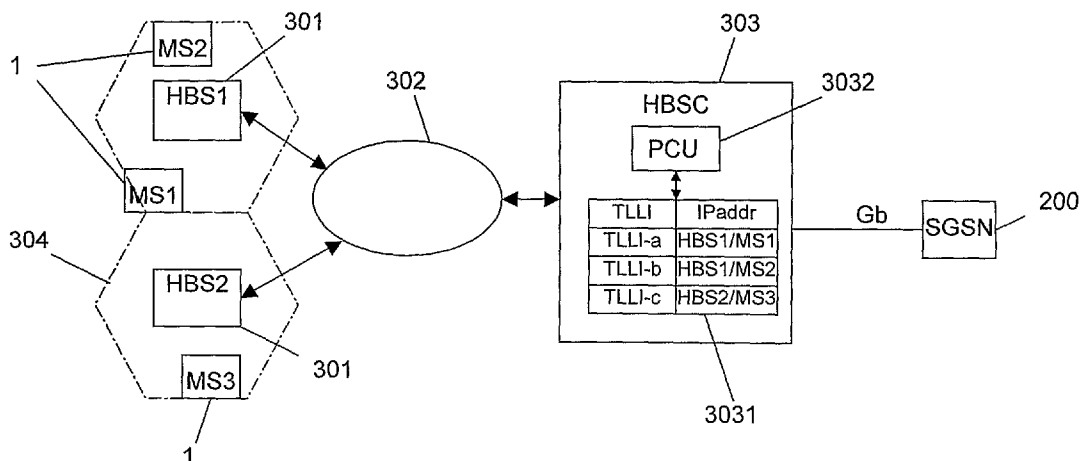
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL,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

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: PACKET RADIO TRANSMISSION OVER AN UNLICENSED-RADIO ACCESS NETWORK



(57) Abstract: An unlicensed-radio access network is connected to a packet service node (200) in a core network portion of a licensed mobile network. The unlicensed-radio access network includes an access controller (303) connected to the core network portion and having a packet controller (3032), a fixed broadband network (302) connected to the access controller (303) and having a plurality of access points (301). Each of the access points (301) defines a mini-cell coverage area (304) and supports an unlicensed-radio interface permitting communication of packet data between mobile stations (1) located within a respective mini-cell and the access controller (303). In accordance with the invention the access controller comprises a database (3031) for storing the identification of mobile stations (1) in association with packet path information addressing said mobile station (1) on the fixed broadband network (302).

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