

12/9/03

2003050481

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

162162

(43) International Publication Date
19 September 2002 (19.09.2002)

PCT

(10) International Publication Number
WO 02/073910 A1(51) International Patent Classification⁷: H04L 12/56,
29/06, 12/28

(21) International Application Number: PCT/US02/07313

(22) International Filing Date: 11 March 2002 (11.03.2002)

(25) Filing Language: English

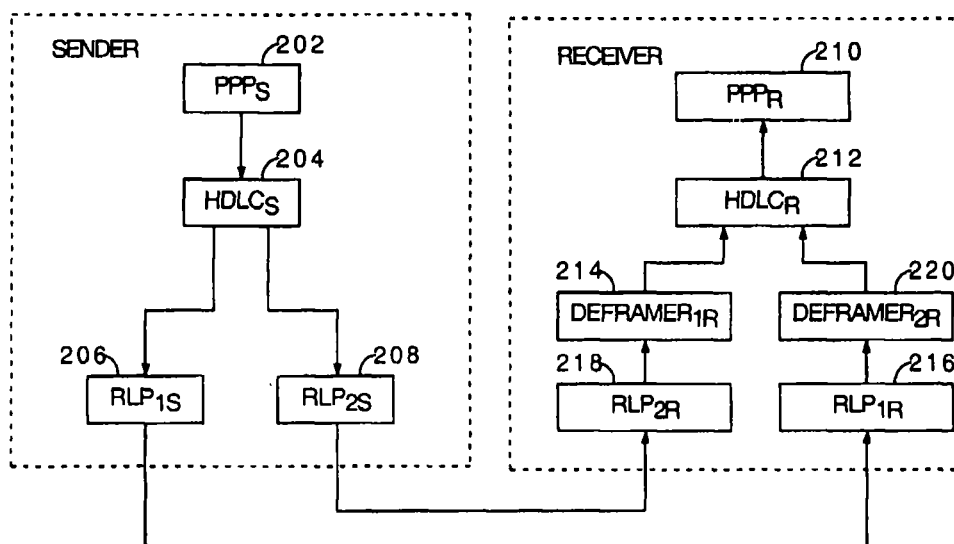
(26) Publication Language: English

(30) Priority Data:
60/275,242 12 March 2001 (12.03.2001) US
09/823,475 30 March 2001 (30.03.2001) US(71) Applicant: QUALCOMM INCORPORATED [US/US];
5775 Morehouse Drive, San Diego, CA 92121-1714 (US).(72) Inventors: ABROL, Nischal; 7260 Calle Cristobal #41,
San Diego, CA 92126 (US). LIOY, Marcello; 7588 Char-
mant Drive #1924, San Diego, CA 92122 (US).(74) Agents: WADSWORTH, Philip, R. et al.; Qualcomm In-
corporated, 5775 Morehouse Drive, San Diego, CA 92121-
1714 (US).(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, 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, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG,
SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN,
YU, ZA, ZM, ZW.(84) Designated States (*regional*): ARIPO patent (GH, GM,
KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, 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, TR), OAPI patent
(BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR,
NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR PROVIDING MULTIPLE QUALITY OF SERVICE LEVELS IN A WIRELESS
PACKET DATA SERVICES CONNECTION

(57) Abstract: The packets generated by each of multiple packet data applications are provided to a single Point-to-Point Protocol (PPP) stack (202) and a single High-level Data Link Control (HDLC) framing layer (204) to convert data packets into byte streams suitable for transmission through Radio Link Protocol (RLP) connections. Each of the resultant multiple byte streams is then provided to one of multiple RLP connections having different retransmission and delay properties (206 and 208). The RLP connection selected for sending data from each application is based on the grade of service most appropriate for the application. At the receiver, the data from the multiple RLP connections (218 and 216) is provided to a single PPP stack (210).

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ACTION

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