

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
13 August 2009 (13.08.2009)

(10) International Publication Number  
**WO 2009/099845 A3**

## (51) International Patent Classification:

*H04L 29/06* (2006.01) *H04W 84/22* (2009.01)  
*H04W 28/06* (2009.01) *H04W 88/04* (2009.01)

## (21) International Application Number:

PCT/US2009/032296

## (22) International Filing Date:

28 January 2009 (28.01.2009)

## (25) Filing Language:

English

## (26) Publication Language:

English

## (30) Priority Data:

61/024,741 30 January 2008 (30.01.2008) US  
12/360,531 27 January 2009 (27.01.2009) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, 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, ST, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(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, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: RELAY BASED HEADER COMPRESSION

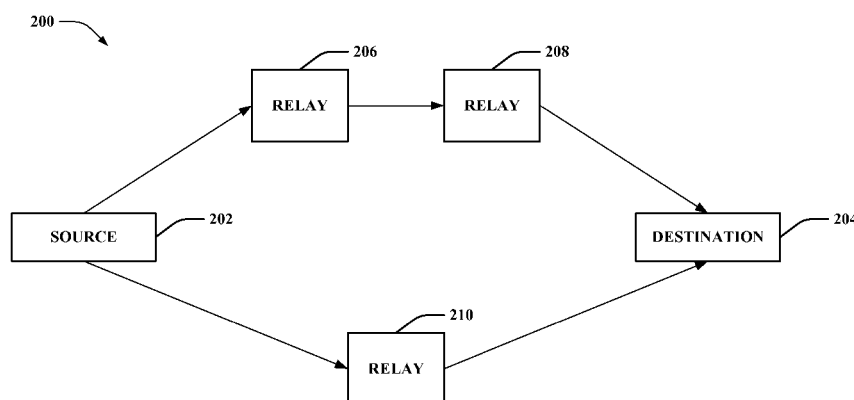


FIG. 2

(57) Abstract: Relays can be used to facilitate communication of a packet, such as from a base station to a mobile device. The packet can include a header that designates an intended destination for the packet. The header can transfer such that the intended destination designation can be sent with or without being decompressed at a relay. If there is more than one relay involved in communication, then the header can configure such that the header is accessible without performing decompression. However, if there is one relay stop, then the header can compress the designator in such a way that decompression should occur.

**Published:****(88) Date of publication of the international search report:**

15 July 2010

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*