

(51) International Patent Classification:
H04L 1/00 (2006.01)(21) International Application Number:
PCT/EP2010/068895(22) International Filing Date:
3 December 2010 (03.12.2010)

(25) Filing Language: English

(26) Publication Language: English

(71) Applicant (for all designated States except US): **INSTITUT FÜR RUNDFUNKTECHNIK GMBH** [DE/DE];
Floriansmühlstraße 60, 80939 Germany (DE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LAABS, Matthias** [DE/DE]; Klenzestr. 95, 80469 München (DE). **HAMMER, Matthias** [DE/DE]; Mitteisstr. 9, 80935 München (DE).(74) Agents: **DINI, Roberto** et al.; Metroconsult S.R.L., Via Sestriere 100, I-10060 None (to) (IT).

(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, CL, 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, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, 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, RS, SE, SI, SK, SM,

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR CONTROLLING DATA PACKET TRANSMISSIONS OVER LOSSY PROTOCOLS

(57) Abstract: It is disclosed a method for data packets transmission. A first group of data packets is transmitted with a first bitrate, this first group comprising a first payload. Quality of transmission of said first group of data packets is checked and, if it is above a first threshold, a second group of data packets is transmitted with a second bitrate higher than the first bitrate. The second group of data packets comprises a payload, and additional control data (C1) allowing a receiver to check consistency of the delivered payload.

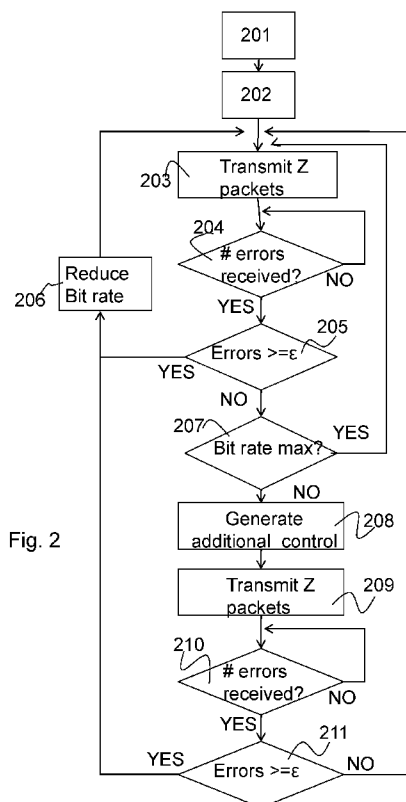


Fig. 2

WO 2012/072148 A1



TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, **Published:**
ML, MR, NE, SN, TD, TG).

— *with international search report (Art. 21(3))*