

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
13 September 2007 (13.09.2007)

PCT

(10) International Publication Number
WO 2007/103891 A3

(51) International Patent Classification:

H04L 12/56 (2006.01)

(21) International Application Number:

PCT/US2007/063338

(22) International Filing Date: 5 March 2007 (05.03.2007)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/778,745

3 March 2006 (03.03.2006) US

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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, 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, 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, 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, HU, IE, IS, IT, LT, LU, LV, MC, MT, 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).

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))

Published:

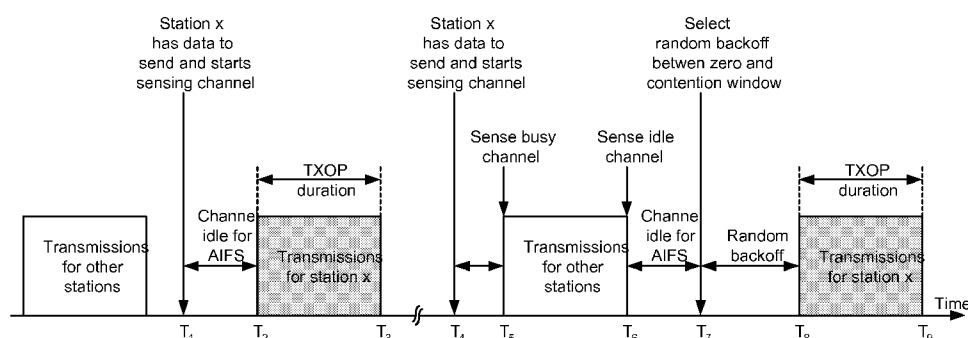
- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

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

10 January 2008

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: TRANSMISSION CONTROL FOR WIRELESS COMMUNICATION NETWORKS



(57) Abstract: Techniques for controlling transmissions in wireless communication networks are described. In one aspect, transmission control for a mesh network may be achieved by ranking mesh points or stations in the mesh network. In one design, the rank of a first station in the mesh network may be determined. At least one station of lower rank than the first station in the mesh network may be identified. At least one transmission parameter for the at least one station of lower rank may be set by the first station. In another aspect, stations may be assigned different transmission parameter values to achieve the data requirements of each station. At least one transmission parameter value may be selected for each station based on the rank, QoS requirements, amount of traffic, and/or achievable data rate for that station and may be sent (e.g., via a probe response message) to the station.

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