

(12) International Application Status Report

Received at International Bureau: 03 January 2005 (03.01.2005)

Information valid as of: (..)

Report generated on: 22 February 2020 (22.02.2020)

(10) Publication number:

WO2005/067245

(43) Publication date:

21 July 2005 (21.07.2005)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/US2004/038476

(22) Filing Date:

18 November 2004 (18.11.2004)

(25) Filing language:

English (EN)

(31) Priority number(s):

10/746,265 (US)

(31) Priority date(s):

29 December 2003 (29.12.2003)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

H04L 1/00 (2006.01); **H04L 25/02** (2006.01); **H04L 27/26** (2006.01)

(71) Applicant(s):

INTEL CORPORATION [US/US]; 2200 Mission College Blvd. Mailstop SC4-202 Santa Clara, CA 95052-8119 (US) *(for all designated states except US)*

(72) Inventor(s):

MALTSEV, Alexander, A.; Verhne-Pecherskaya Str. 1-7 Nizhny Novgorod, 603163 (RU)

SADRI, Ali, S.; 11835 Carmel Mountain Rd. Suite 1304-360 San Diego, CA 92128 (US)

SERGEYEV, Vadim, S.; Vaneev Str. 19-28 Nizhny Novgorod, 603105 (RU)

TIRASPOLSKY, Sergey; Beryozovskaya Str., 116-133 Nizhny Novgorod, 603157 (RU)

(74) Agent(s):

COHEN, Mark, S.; Eitan, Pearl, Latzer & Cohen Zedek, L.L.P. 10 Rockefeller Plaza Suite 1001 New York, NY 10020 (US)

(54) Title (EN): METHOD AND APPARATUS TO EXCHANGE CHANNEL INFORMATION

(54) Title (FR): PROCEDE ET APPAREIL PERMETTANT L'ECHANGE D'INFORMATIONS RELATIVES A LA VOIE

(57) Abstract:

(EN): Briefly, a method and apparatus to exchange channel state information between two or more station is provided. The channel state information may be used to adapt a power, a transmission rate and a modulation scheme of a transmitted signal.

(FR): L'invention concerne un procédé, et un appareil permettant d'échanger une information relative à l'état des voies entre au moins deux stations. L'information d'état des voies peut être utilisée pour modifier la puissance, le débit de transmission ou le schéma de modulation d'un signal transmis.

International search report:

Received at International Bureau: 01 April 2005 (01.04.2005) [EP]

International Report on Patentability (IPRP) Chapter II of the PCT:

Not available

(81) Designated States:

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

European Patent Office (EPO) : AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW
Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, MD, RU, TJ, TM