

# (12) International Application Status Report

**Received at International Bureau:** 21 August 2017 (21.08.2017)

**Information valid as of:** 28 January 2019 (28.01.2019)

**Report generated on:** 22 July 2019 (22.07.2019)

**(10) Publication number:**

WO2019/028883

**(43) Publication date:**

14 February 2019 (14.02.2019)

**(26) Publication language:**

English (EN)

**(21) Application Number:**

PCT/CN2017/097223

**(22) Filing Date:**

11 August 2017 (11.08.2017)

**(25) Filing language:**

English (EN)

**(51) International Patent Classification:**

**H04L 5/00** (2006.01)

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**(54) Title (EN):** ENCODING REFERENCE SIGNAL RECEIVED POWERS

**(54) Title (FR):** CODAGE DE PUISSANCES REÇUES DE SIGNAL DE RÉFÉRENCE

**(57) Abstract:**

**(EN):** Apparatuses, methods, and systems are disclosed for encoding reference signal received powers. One apparatus (200) includes a processor (202) that: determines (402) a reference signal received power corresponding to each beam of multiple beams to result in a set of determined reference signal received powers; orders (406) the set of determined reference signal received powers in descending order to result in an ordered list of reference signal received powers; and encodes (408) a difference between each two adjacent reference signal received powers of the ordered list of reference signal received powers to result in an encoded ordered list of reference signal received powers.

**(FR):** L'invention concerne des appareils, des procédés et des systèmes permettant de coder des puissances de signal de référence. Un appareil (200) comprend un processeur (202) qui : détermine (402) une puissance reçue de signal de référence correspondant à chaque faisceau de multiples faisceaux afin d'obtenir un ensemble de puissances reçues de signal de référence déterminées; ordonne (406) l'ensemble de puissances reçues de signal de référence déterminées par ordre décroissant afin d'obtenir une liste ordonnée de puissances reçues de signal de référence; et code (408) une différence entre chaque deux puissances reçues de signal de référence adjacentes de la liste ordonnée de puissances reçues de signal de référence pour obtenir une liste ordonnée codée de puissances reçues de signal de référence.

**International search report:**

Received at International Bureau: 29 March 2018 (29.03.2018) [CN]

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

Not available

**(81) Designated States:**

AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA,

PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, 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

European Patent Office (EPO) : 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, TR

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Eurasian Patent Organization (EAPO) : AM, AZ, BY, KG, KZ, RU, TJ, TM