

(12) International Application Status Report

Received at International Bureau: 27 June 2018 (27.06.2018)

Information valid as of: 05 December 2018 (05.12.2018)

Report generated on: 23 April 2019 (23.04.2019)

(10) Publication number:

WO2018/235763

(43) Publication date:

27 December 2018 (27.12.2018)

(26) Publication language:

Japanese (JA)

(21) Application Number:

PCT/JP2018/023064

(22) Filing Date:

18 June 2018 (18.06.2018)

(25) Filing language:

Japanese (JA)

(31) Priority number(s):

2017-120118 (JP)

(31) Priority date(s):

20 June 2017 (20.06.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

H04W 4/021 (2018.01)

(71) Applicant(s):

NEC CORPORATION [JP/JP]; 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP) *(for all designated states)*

(72) Inventor(s):

KIDOGUCHI Emiko; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)

(74) Agent(s):

SHIMOSAKA Naoki; c/o NEC CORPORATION, 7-1, Shiba 5-chome, Minato-ku, Tokyo 1088001 (JP)

(54) Title (EN): INFORMATION PROVISION DEVICE, INFORMATION PROVISION METHOD, AND RECORDING MEDIUM

(54) Title (FR): DISPOSITIF DE FOURNITURE D'INFORMATIONS, PROCÉDÉ DE FOURNITURE D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT

(54) Title (JA): 情報提供装置、情報提供方法、および記録媒体

(57) Abstract:

(EN): The present invention makes it possible to reliably provide regional information to a user without increasing electric power consumed by communication equipment and the amount of traffic in a network. This information provision device is provided with: a storage means that stores at least a terminal ID table in which the terminal ID of a first mobile terminal to which regional information relating to a cell covered by a predetermined base station is provided is registered; and a control means that, when entry into the cell and/or power-on in the cell by a second mobile terminal is detected, determines whether or not the terminal ID of the second mobile terminal is registered in the terminal ID table, and when the terminal ID of the second mobile terminal is not registered in the terminal ID table, provides the regional information relating to the cell to the second mobile terminal via the base station.

(FR): La présente invention permet de fournir de manière fiable des informations régionales à un utilisateur sans augmenter l'énergie électrique consommée par l'équipement de communication et la quantité de trafic dans un réseau. Ce dispositif de fourniture d'informations comporte : un moyen de stockage qui stocke au moins une table d'ID de terminal dans laquelle est enregistré l'ID de terminal d'un premier terminal mobile auquel sont enregistrées des informations régionales relatives à une cellule couverte par une station de base prédéterminée ; et un moyen de commande qui, lorsqu'une entrée dans la cellule et/ou la mise sous tension dans la cellule par un second terminal mobile est détectée, détermine si l'ID de terminal du second terminal mobile est enregistré dans la table d'ID de terminal, et lorsque l'ID de terminal du second terminal mobile n'est pas enregistré dans la table d'ID de terminal, fournit les informations régionales concernant la cellule au second terminal mobile par l'intermédiaire de la station de base.

(JA): 通信機器で消費される電力やネットワークの通信量を増大させることなく、地域情報を確実にユーザに提供することが可能となる。 情報提供装置は、所定の基地局がカバーするセルに関する地域情報の提供を受けた第1移動端末の端末IDが登録される端末IDテーブルを少なくとも記憶する記憶手段と、第2移動端末による、セルへの進入およびセル内における電源オンの少なくとも一方が検知された場合、端末IDテーブルに第2移動端末の端末IDが

登録されているか否かを判定し、第2移動端末の端末IDが端末IDテーブルに登録されていない場合、セルに関する地域情報を、基地局を介して、第2移動端末へ提供する制御手段と、を備える。

International search report:

Received at International Bureau: 13 August 2018 (13.08.2018) [JP]

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

African Intellectual Property Organization (OAPI) : BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG

African Regional Intellectual Property Organization (ARIPO) : BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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