

(12) International Application Status Report

Received at International Bureau: 23 March 2015 (23.03.2015)

Information valid as of: 17 August 2015 (17.08.2015)

Report generated on: 29 January 2020 (29.01.2020)

(10) Publication number:

WO2015/137280

(43) Publication date:

17 September 2015 (17.09.2015)

(26) Publication language:

Japanese (JA)

(21) Application Number:

PCT/JP2015/056842

(22) Filing Date:

09 March 2015 (09.03.2015)

(25) Filing language:

Japanese (JA)

(31) Priority number(s):

2014-051558 (JP)

(31) Priority date(s):

14 March 2014 (14.03.2014)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

H04W 48/04 (2009.01); **H04W 4/08** (2009.01); **H04W 8/18** (2009.01); **H04W 48/02** (2009.01); **H04W 84/18** (2009.01); **H04W 88/18** (2009.01)

(71) Applicant(s):

NTT DOCOMO, INC. [JP/JP]; 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 (JP) *(for all designated states)*

(72) Inventor(s):

NISHIMURA, Masaki; c/o Intellectual Property Department NTT DOCOMO, INC. SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 (JP)

SUZUKI, Keisuke; c/o Intellectual Property Department NTT DOCOMO, INC. SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 (JP)

HIGA, Reika; c/o Intellectual Property Department NTT DOCOMO, INC. SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 (JP)

SASADA, Keisuke; c/o Intellectual Property Department NTT DOCOMO, INC. SANNO PARK TOWER, 11-1, Nagatacho 2-chome, Chiyoda-ku, Tokyo 1006150 (JP)

STAEHLE, Dirk; c/o DOCOMO Communications Laboratories Europe GmbH, Landsberger Strasse 312, Munich, 80687 (DE)

THAKOLSRI, Srisakul; c/o DOCOMO Communications Laboratories Europe GmbH, Landsberger Strasse 312, Munich, 80687 (DE)

(74) Agent(s):

ITO, Tadashige; 16th Floor, Marunouchi MY PLAZA (Meiji Yasuda Seimei Building), 1-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1000005 (JP)

(54) Title (EN): RESTRICTION CONTROL DEVICE, RESTRICTION CONTROL SYSTEM, AND RESTRICTION CONTROL METHOD

(54) Title (FR): DISPOSITIF DE COMMANDE DE RESTRICTION, SYSTÈME DE COMMANDE DE RESTRICTION ET PROCÉDÉ DE COMMANDE DE RESTRICTION

(54) Title (JA): 規制制御装置、規制制御システム、及び規制制御方法

(57) Abstract:

(EN): A restriction control device controls restriction on communication of a user device in a mobile communication system, and is provided with: an information acquisition unit which acquires, from a user information management device in the mobile communication system, group identification information indicating a group to which the user device belongs; and a restriction determination unit which, when receiving a communication request from the user device, on the basis of the group identification information and a group identification information relating to an object to be controlled designated by an operation system, determines whether or not the group to which the user device belongs is the object to be controlled.

(FR): L'invention porte sur un dispositif de commande de restriction qui commande la restriction de la communication d'un dispositif utilisateur dans un système de communication mobile, et qui est pourvu : d'une unité d'acquisition d'informations qui acquiert, à partir d'un dispositif de gestion d'informations utilisateur dans le système de communication mobile, des informations

d'identification de groupe indiquant un groupe auquel le dispositif utilisateur appartient ; et d'une unité de détermination de restriction qui détermine, lors de la réception d'une demande de communication en provenance du dispositif utilisateur, en se basant sur les informations d'identification de groupe et sur des informations d'identification de groupe relatives à un objet devant être commandé désigné par un système de fonctionnement, si le groupe auquel le dispositif utilisateur appartient est l'objet devant être commandé.

(JA): 移動通信システムにおいてユーザ装置の通信の規制制御を行う規制制御装置において、前記移動通信システムにおけるユーザ情報管理装置から前記ユーザ装置が属するグループを示すグループ識別情報を取得する情報取得部と、前記ユーザ装置から通信要求を受信した場合に、前記グループ識別情報と、オペレーションシステムから指定された制御対象のグループ識別情報とに基づいて、前記ユーザ装置が属するグループが制御対象であるか否かを判定する規制判定部とを備える。

International search report:

Received at International Bureau: 04 May 2015 (04.05.2015) [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, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, KE, KG, KN, KP, KR, 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