

(12) International Application Status Report

Received at International Bureau: 13 July 2011 (13.07.2011)

Information valid as of: 05 December 2012 (05.12.2012)

Report generated on: 24 January 2021 (24.01.2021)

(10) Publication number:

WO2013/001641

(43) Publication date:

03 January 2013 (03.01.2013)

(26) Publication language:

Japanese (JA)

(21) Application Number:

PCT/JP2011/065059

(22) Filing Date:

30 June 2011 (30.06.2011)

(25) Filing language:

Japanese (JA)

(51) International Patent Classification:

H04L 12/44 (2006.01)

(71) Applicant(s):

Mitsubishi Electric Corporation [JP/JP]; 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP) *(for all designated states except US)*

SHIGEEDA, Tetsuya [JP]; c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP) *(for US only)*

HONDA, Shingo [JP]; c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP) *(for US only)*

(72) Inventor(s):

SHIGEEDA, Tetsuya; c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP)

HONDA, Shingo; c/o Mitsubishi Electric Corporation, 7-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 1008310 (JP)

(74) Agent(s):

SAKAI, Hiroaki; Sakai International Patent Office, Kasumigaseki Building, 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 1006020 (JP)

(54) Title (EN): IP ADDRESS DELIVERY SYSTEM

(54) Title (FR): SYSTÈME DE DISTRIBUTION D'ADRESSE IP

(54) Title (JA): IPアドレス配布システム

(57) Abstract:

(EN): An IP address delivery system according to the present invention is provided with a network formed by a plurality of switch devices (3 to 8), and a plurality of IP address delivery devices (1, 2) connected to the network. The plurality of switch devices are grouped into two or more groups. The switch devices block IP address request signals, which are sent from terminals (9 to 12) requesting IP address allocation, in physical ports to which the switch devices of another group are connected.

(FR): La présente invention concerne un système de distribution d'adresse IP qui comporte un réseau formé par une pluralité de dispositifs de commutateur (3 à 8), et une pluralité de dispositifs de distribution d'adresse IP (1, 2) connectés au réseau. La pluralité de dispositifs de commutateur sont groupés en deux groupes ou plus. Les dispositifs de commutateur bloquent des signaux de requête d'adresse IP, qui sont envoyés à partir de terminaux (9 à 12) demandant une attribution d'adresse IP, dans des ports physiques auxquels les dispositifs de commutateur d'un autre groupe sont connectés.

(JA): 本発明にかかるIPアドレス配布システムは、複数のスイッチ装置(3~8)により形成されたネットワーク、およびネットワークに接続された複数のIPアドレス配布装置(1,2)を備え、複数のスイッチ装置は2つ以上のグループにグループ化されており、スイッチ装置は、IPアドレスの割り当てを要求する端末(9~12)から送信されたIPアドレス要求信号を他グループのスイッチ装置が接続されている物理ポートにおいて遮断する。

International search report:

Received at International Bureau: 14 September 2011 (14.09.2011) [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, 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, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, 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, ML, MR, NE, SN, TD, TG

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

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