

(12) International Application Status Report

Received at International Bureau: 13 October 2018 (13.10.2018)

Information valid as of: 18 March 2019 (18.03.2019)

Report generated on: 16 July 2019 (16.07.2019)

(10) Publication number:

WO2019/062886

(43) Publication date:

04 April 2019 (04.04.2019)

(26) Publication language:

English (EN)

(21) Application Number:

PCT/CN2018/108556

(22) Filing Date:

29 September 2018 (29.09.2018)

(25) Filing language:

English (EN)

(31) Priority number(s):

201710910377.4 (CN)

(31) Priority date(s):

29 September 2017 (29.09.2017)

(31) Priority status:

Priority document received (in compliance with PCT Rule 17.1)

(51) International Patent Classification:

H04L 9/08 (2006.01); **H04L 9/06** (2006.01)

(71) Applicant(s):

BITMAIN TECHNOLOGIES INC. [CN/CN]; F2, Building 25, Courtyard 1, Baosheng South Road, Haidian District, Beijing 100192 (CN) *(for all designated states)*

(72) Inventor(s):

ZHUANG, Zhong; F2, Building 25, Courtyard 1, Baosheng South Road, Haidian District, Beijing 100192 (CN)

LIU, Fuyi; F2, Building 25, Courtyard 1, Baosheng South Road, Haidian District, Beijing 100192 (CN)

PENG, Yihao; F2, Building 25, Courtyard 1, Baosheng South Road, Haidian District, Beijing 100192 (CN)

(74) Agent(s):

LEADER PATENT & TRADEMARK FIRM; 8F-6, Bldg. A, Winland International Center No.32 Xizhimen North Street Haidian District, Beijing 100082 (CN)

(54) Title (EN): METHOD AND APPARATUS FOR TRANSMITTING COMMANDS

(54) Title (FR): PROCÉDÉ ET APPAREIL DE TRANSMISSION D'INSTRUCTIONS

(57) Abstract:

(EN): The present disclosure provides a method and apparatus for transmitting commands to a computing device. The command transmission method includes acquiring, by the control terminal, an encryption key according to a present time; generating, by the control terminal, an encrypted control command by encrypting the control command using the encryption key; and transmitting the encrypted control command to the computing device.

(FR): La présente invention concerne un procédé et un appareil de transmission d'instructions à un dispositif informatique. Le procédé de transmission d'instructions consiste à : acquérir, par le terminal de commande, une clé de chiffrement correspondant à un instant présent; générer, par le terminal de commande, une instruction de commande chiffrée, via le chiffrement de l'instruction de commande à l'aide de la clé de chiffrement; et transmettre l'instruction de commande chiffrée au dispositif informatique.

International search report:

Received at International Bureau: 02 January 2019 (02.01.2019) [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

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