

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
24 March 2022 (24.03.2022)



(10) International Publication Number
WO 2022/058124 A1

(51) International Patent Classification:

G06F 21/57 (2013.01) G06F 21/12 (2013.01)
H04L 9/32 (2006.01)

(21) International Application Number:

PCT/EP2021/073219

(22) International Filing Date:

23 August 2021 (23.08.2021)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

2014825.0 21 September 2020 (21.09.2020) GB

(71) Applicant: NCHAIN LICENSING AG [CH/CH]; Grafe-
nauweg 6, 6300 Zug (CH).

(72) Inventor: PAGANI, Alessio; c/o nChain Licensing AG 30
Market Place, London W1W 8AP (GB).

(74) Agent: TOWNSEND, Martyn, James; Bedford House
John Street, London WC1N 2BF (GB).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): 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, IT, 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, ST, SV, SY, TH, TJ, TM, TN,
TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

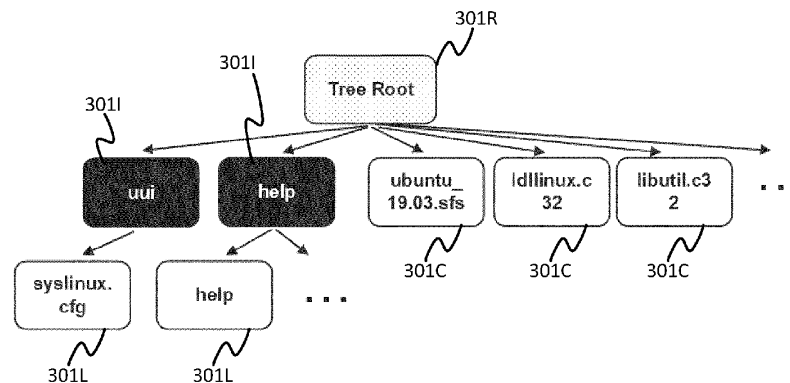
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ,
UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK,
EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV,
MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,
TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments (Rule 48.2(h))

(54) Title: BLOKCHAIN-BASED SYSTEM AND METHOD FOR PUBLISHING AN OPERATING SYSTEM

Figure 5



(57) Abstract: A method comprising, by a client device: identifying one or more target transactions, recorded on a blockchain, that contain operating system software stored in a payload of the one or more target transactions, the operating system software comprising at least part of an operating system, at least including some executable code of the operating system; accessing the operating system software from the payload of the one or more target transactions as stored on the blockchain; and running, on the client device, the operating system software as accessed from the one or more target transactions, the running comprising executing the executable code of the operating system.

WO 2022/058124 A1