

PCT Recordation of Search History

Case/PCT Application Number: PCT/US20/23818

CLIN Number/Technical Field of PCT Application: 5

Dates During Which the Search was Conducted: 12 May 2020 - 29 May 2020

Date of Completion of Recordation of Search History Form: 29 May 2020

Research Analyst Initials: NJH

Search Approval Official (SAO) Initials: HKP

Field of Search/Classification Information:

IPC(8) Classifications: H04L 29/06, 29/04; G06F 21/62; G16H 50/70 (2020.01)

CPC Classifications: H04L 63/0457, 63/0421, 63/166; G06F 21/62; G16H 50/70

Databases Searched (Patent and Non-Patent Literature (NPL), Including Sub-Databases and Files Searched) and Search Terms Used:

PatSeer (US, EP, WO, JP, DE, GB, CN, FR, KR, ES, AU, IN, CA, Other Countries (INPADOC), RU, AT, CH, TH, BR, PH); Google/Google Scholar; IEEE/IEEEExplore; EBSCO Non-Patent Prior Art Source; KEYWORDS: dual, payload, network, packet, signature, public, key, authenticate, recover, hash

Database Search String Recordation, Including Dates of Searches:**Patent Database (PatSeer) Search Strategy/Results:**

ID	Search String	Dedup	Records	Created Date
L29	tacD:((payload* or content* or data* or body*) ws10 (packet* or frame* or byte*)) and (signatur* or token*) and ((anonym* or privat* or conceal*) ws14 (ledger* or block_chain*)) and (medical* or patient* or diagnos*) and IC:(ALL	214	29-May-2020

	H04L29/04 or H04L29/06 or G06F21/62 or G16H50/70)			
L28	tacD:((payload* or content* or data* or body*) ws10 (packet* or frame* or byte*)) and (signatur* or token*) and ((anonym* or privat* or conceal*) ws14 (ledger* or block_chain*)) and (medical* or patient* or diagnos*) and CPC:(H04L63/*)	ALL	227	29-May-2020
L27	tacD:((payload* or content* or data* or body*) ws10 (packet* or frame* or byte*)) and (signatur* or token*) and ((anonym* or privat* or conceal*) ws14 (ledger* or block_chain*)) and (medical* or patient* or diagnos*) and CPC:(G06F21/62 or G16H50/70 or H04L63/0421 or H04L63/0457 or H04L63/166)	ALL	51	29-May-2020
L26	L25 not L24	ALL	18	13-May-2020
L25	tacD:(key* ws12 patient*) and ((anonym* or protect* or privac*) ws14 (data_base* or data_store* or data_repositor* or data_ware*)) and ((distributed_ledger* or ledger* or block_chain*) ws14 (anonym* or protect* or privac*))	ALL	30	13-May-2020
L24	tacD:(public_key* ws10 patient*) and ((anonym* or protect* or privac*) ws14 (data_base* or data_store* or data_repositor* or data_ware*)) and ((distributed_ledger* or ledger* or block_chain*) ws14 (anonym* or protect* or privac*))	ALL	12	13-May-2020
L23	L22 and L12	ALL	228	13-May-2020

L22	tacD:((payload* or content* or data* or body*) ws10 (packet* or frame* or byte*)) and (signatur* or token*) and ((anonym* or privat* or conceal*) ws14 (ledger* or block_chain*)) and (medical* or patient* or diagnos*)	ALL	679	13-May-2020
L21	tac:((payload* or content* or data* or body*) ws10 (packet* or frame* or byte*)) and (signatur* or token*) and ((anonym* or privat* or conceal*) ws14 (ledger* or block_chain*)) and (medical* or patient* or diagnos*)	ALL	6	13-May-2020
L20	tac:(payload* or content* or data* or body*) and (packet* or frame* or byte*) and (signatur* or token*) and (anonym* or privat* or conceal*) and (ledger* or block_chain*) and (medical* or patient* or diagnos*)	ALL	36	13-May-2020
L19	tac:(payload* or content* or data* or body*) and (packet* or frame* or byte*) and (signatur* or token*) and (anonym* or privat* or conceal*) and (ledger* or block_chain*)	ALL	580	13-May-2020
L18	tac:(payload* or content* or data* or body*) and (packet* or frame* or byte*) and (signatur* or token*) and CPC:(G06F21/62 or G16H50/70 or H04L63/0421 or H04L63/0457 or H04L63/166)	ALL	475	13-May-2020
L17	tac:(payload* or content* or data* or body*) and (packet* or frame* or byte*) and (signatur* or token*)	ALL	51716	13-May-2020
L16	tacD:dual_payload* and signatur* and hash*	SFAM	1	13-May-2020

L15	tac:dual_payload* and signatur* and hash*	ALL	0	13-May-2020
L14	tac:payload* and L9	ALL	0	13-May-2020
L13	tac:dual_payload* and L9	ALL	0	13-May-2020
L12	L10 or L11	ALL	740557	12-May-2020
L11	CPC:(G06F21/62 or G16H50/70 or H04L63/0421 or H04L63/0457 or H04L63/166)	ALL	43310	12-May-2020
L10	IC:(H04L29/04 or H04L29/06 or G06F21/62 or G16H50/70)	ALL	718670	12-May-2020
L9	L6 or L7 or L8	ALL	51	12-May-2020
L8	INV:(jibaja w2 hank) or (neil w2 jack)	ALL	32	12-May-2020
L7	CASN:(nephron_pharm*)	ALL	19	12-May-2020
L6	ASN:(nephron_pharm*)	ALL	17	12-May-2020
L5	tac:pay_load* and signatur* and hash* and medical*	ALL	9	12-May-2020
L4	tac:payload* and signatur* and hash* and medical*	ALL	9	12-May-2020
L3	tacD:dual_payload* and signatur* and hash*	ALL	8	13-May-2020
L2	tacD:medical* and dual_payload* and signatur* and hash*	ALL	0	12-May-2020

L1	fac:medical* and dual_payload* and signatur* and hash*	ALL	0	12-May- 2020
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Non-Patent Literature (NPL) Search Strategy/Results:

12 May 2020

Google/Google Scholar:

- network packet comprising a first digital signature and a dual payload
- authenticating by recovering dual payload from the first digital signature
- inserting anonymous data into a patient record for a privacy-compliant database

IEEE/IEEEXplore:

- network packet comprising a first digital signature and a dual payload
- authenticating by recovering dual payload from the first digital signature
- inserting anonymous data into a patient record for a privacy-compliant database

EBSCO:

- network packet comprising a first digital signature and a dual payload
- authenticating by recovering dual payload from the first digital signature
- inserting anonymous data into a patient record for a privacy-compliant database