

## SEARCH HISTORY

<b>Application Number</b>	PCT/IL 19/51330
<b>Search Conducted By</b>	JOG
<b>Search Approved By</b>	PCL

<b>CPC/IPC Classifications Searched</b>	CPC - H04L 29/08072, H04L 29/06, H04L 29/08135 IPC(8) - G06F 15/16 (2020.01)
<b>Date Conducted</b>	19 February 2020 (19.02.2020)

<b>Documentation Searched</b>	CPC - H04L 29/08072, H04L 29/06, H04L 29/08135, H04L 29/08144, H04L 29/0809, H04L 29/08648, H04L 29/08981, H04L 9/08, H04L 63/0428, H04L 63/0442, H04L 9/00, H04N 7/1675; USPC - 709/201, 709/202, 713/150 (keyword limited; terms below)
<b>Search Terms Used</b>	blockchain question answer valid secret transaction secure node key pair encryption identifier stamp simultaneous hash
<b>Date Conducted</b>	19 February 2020 (19.02.2020)

<b>Electronic Database Searched</b>	PatBase
<b>Files Searched</b>	Full-text: AU BE BR CA CH CN DE DK EP ES FI FR GB IN JP KR SE TH TW US WO Bibliographic: (Europe) AT BA BE BG CH CS CY CZ DD DK EE ES FI GE GR HR HU IE IS IT LT LU LV MC MD MT NL NO PL PT RO RS SE SI SK SM TR UA YU (Asia) EA GC HK ID IL IN KZ MN MY PH RU SG SU TH TJ TW UZ VN (North America) CA CR CU DO GT HN MX NI PA SV TT (South America) AR BR CL CO EC PE UY (Australasia) AU NZ (Africa) AP DZ EG KE MA MW OA ZA ZM ZW
<b>Date Conducted</b>	19 February 2020 (19.02.2020)

<b>Search Logic:</b>	
1) IC=(G06F15/16) (134761) 2) CPC=(H04L29/08072) (486) 3) CPC=(H04L29/06) (20055) 4) CPC=(H04L29/08135) (62) 5) 1 or 2 or 3 or 4 (148866) 6) CPC=(H04L29/08144) (108) 7) CPC=(H04L29/0809) (113) 8) CPC=(H04L29/08648) (26) 9) CPC=(H04L29/08981) (41) 10) CPC=(H04L9/08) (1836)	

- 11) CPC=(H04L63/0428) (16025)
- 12) CPC=(H04L63/0442) (3434)
- 13) CPC=(H04L9/00) (1574)
- 14) CPC=(H04N7/1675) (2390)
- 15) UC=(709/201) (6527)
- 16) UC=(709/202) (3971)
- 17) UC=(713/150) (2825)
- 18) 17 or 16 or 15 or 14 or 13 or 12 or 11 or 10 or 9 or 8 or 7 or 6 or 5 (174430)
- 19) 18 and (block near chain\*) (1583)
- 20) 19 and (quest\* or quer\*) (819)
- 21) 20 and (answer\* or respons\*) (532)
- 22) 21 and (valid\*) (423)
- 23) 22 and (secret\*) (200)
- 24) 23 and (transact\*) (164)
- 25) 24 and (secure\$) (162)
- 26) 25 and (node\$) (94)
- 27) 26 and (key\*) (94)
- 28) 27 and (pair\$) (84)
- 29) 28 and (encrypt\*) (82)
- 30) 29 and (identif\*) (82)
- 31) 30 and (stamp\$) (36)
- 32) (block and chain\* and (quest\* or quer\*) and answer\* or respons\* or valid\* or secret\* or transact\* or secure\$ or node\$ or key\* or pair\$ or encrypt\* or identif\* or stamp\$) (146804)
- 33) 32 and (answer\* or respons\*) (111328)
- 34) 33 and (valid\*) (43905)
- 35) 34 and (secret\*) (17181)
- 36) 35 and (transact\*) (6385)
- 37) 36 and (secure\$) (3568)
- 38) 37 and (node\$) (2016)
- 39) 38 and (key\*) (2009)
- 40) 39 and (pair\$) (1695)
- 41) 40 and (encrypt\*) (1587)
- 42) 41 and (identif\*) (1584)
- 43) 42 and (stamp\$) (635)
- 44) 43 and (block near chain\*) (224)
- 45) 44 and (wallet\$) (32)

<b>Electronic Database Searched</b>	Google
<b>Files Searched</b>	Google Scholar
<b>Date Conducted</b>	19 February 2020 (19.02.2020)
<b>Search Logic:</b>	
<p>About 123,000 results (0.08 sec) for blockchain  About 26,200 results (0.08 sec) for blockchain question  About 15,300 results (0.07 sec) for blockchain question answer  About 6,800 results (0.10 sec) for blockchain question answer valid  About 4,610 results (0.08 sec) for blockchain question answer valid secret  About 3,900 results (0.14 sec) for blockchain question answer valid secret transaction  About 5,420 results (0.13 sec) for blockchain question answer valid secret transaction secure  About 3,110 results (0.18 sec) for blockchain question answer valid secret transaction secure node  About 3,030 results (0.14 sec) for blockchain question answer valid secret transaction secure node key  About 2,980 results (0.10 sec) for blockchain question answer valid secret transaction secure node key pair  About 3,660 results (0.13 sec) for blockchain question answer valid secret transaction secure node key</p>	

pair encryption  
 About 2,580 results (0.14 sec) for blockchain question answer valid secret transaction secure node key pair encryption identifier  
 About 928 results (0.11 sec) for blockchain question answer valid secret transaction secure node key pair encryption identifier stamp  
 About 559 results (0.11 sec) for blockchain question answer valid secret transaction secure node key pair encryption identifier stamp simultaneous  
 About 486 results (0.07 sec) for blockchain question answer valid secret transaction secure node key pair encryption identifier stamp simultaneous hash

<b>Electronic Database Searched</b>	Google
<b>Files Searched</b>	Google Patents
<b>Date Conducted</b>	19 February 2020 (19.02.2020)
<b>Search Logic:</b>	
About 341 results (0.57 seconds) for blockchain question answer valid secret transaction secure node key pair encryption identifier stamp simultaneous hash	

## Supplemental Search:

<b>Electronic Database Searched</b>	PatBase
<b>Files Searched</b>	Full-text: AU BE BR CA CH CN DE DK EP ES FI FR GB IN JP KR SE TH TW US WO Bibliographic: (Europe) AT BA BE BG CH CS CY CZ DD DK EE ES FI GE GR HR HU IE IS IT LT LU LV MC MD MT NL NO PL PT RO RS SE SI SK SM TR UA YU (Asia) EA GC HK ID IL IN KZ MN MY PH RU SG SU TH TJ TW UZ VN (North America) CA CR CU DO GT HN MX NI PA SV TT (South America) AR BR CL CO EC PE UY (Australasia) AU NZ (Africa) AP DZ EG KE MA MW OA ZA ZM ZW
<b>Date Conducted</b>	24 February 2020
<b>Search Logic:</b>	
Search 1: validat* and consensus and multiparty or multi-party (Results 213) Search 2: 1 and secure w4 channel (Results 48) Search 3: 2 and query* (Results 20) Search 4: 3 and aggregat* (Results 13)	

<b>Electronic Database Searched</b>	Google
<b>Files Searched</b>	Web, Scholar with patents
<b>Date Conducted</b>	24 February 2020
<b>Search Logic:</b>	
<p>Scholar:  validating consensus multi party connection About 45,200 results (0.09 sec)  validating consensus multi party connection secure channel About 25,600 results (0.11 sec)  validating consensus multi party connection secure channel query aggregating About 17,900 results (0.16 sec)</p> <p>Web:  validating consensus multi party connection About 29,500,000 results (0.69 seconds)  validating consensus multi party connection secure channel About 19,400,000 results (0.80 seconds)  validating consensus multi party connection secure channel query aggregating About 2,960,000 results (0.93 seconds)</p>	