

SEARCH HISTORY

Application Number	PCT/IB 19/60321
Search Conducted By	PCL
Search Approved By	PCL

CPC/IPC Classifications Searched	CPC - G06F 21/86, G06F 21/10, G06F 21/72, G06F 2221/2107, G06F 2221/2143, G06F 21/10, G11B 20/00086, G11B 20/0021, G06F 2221/2107, H04L 9/08, H04L 9/08, H04L 63/0428 IPC(8) - G06F 11/30 (2020.01)
Date Conducted	19 February 2020

Documentation Searched	CPC - G06F 21/86, G06F 21/10, G06F 21/72, G06F 2221/2107, G06F 2221/2143, G06F 21/10, G11B 20/00086, G11B 20/0021, G06F 2221/2107, H04L 9/08, H04L 9/08, H04L 63/0428 USPC - 713/194; 713/193; 713/189 (keyword limited; terms below)
Search Terms Used	Smart, card, cryptocurrency, fingerprint, scanner, screen, display, authentication, hsm, token, storage, battery, hash, led, transaction, purchase, reader
Date Conducted	19 February 2020

Electronic Database Searched	PatBase
Files Searched	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
Date Conducted	19 February 2020

Search Logic:

Search 1: cpc=(G06F21/86 or G06F21/10 or G06F21/72 or G06F2221/2107 or G06F2221/2143 or G06F21/10 or G11B20/00086 or G11B20/0021 or G06F2221/2107 or H04L9/08 or H04L9/08 or H04L63/0428) (Results 36323)
Search 2: ic=(g06f11/30) (Results 39520)
Search 3: uc=(713/194 or 713/193 or 713/189) (Results 9503)
Search 4: 1 or 2 or 3 (Results 79450)
Search 5: 4 and smart w3 card (Results 3659)
Search 6: 5 and cryptocurrency (Results 10)

- Search 7: 5 and fingerprint w3 scan* (Results 297)
- Search 8: 7 and screen (Results 201)
- Search 9: 8 and authentication (Results 185)
- Search 10: 9 and hsm (Results 7)
- Search 11: 8 and screen or display w3 card (Results 28)
- Search 12: 11 and token w3 stor* (Results 3)
- Search 13: 5 and token w3 stor* (Results 230)
- Search 14: 13 and fingerprint w3 scan* (Results 69)
- Search 15: 14 and screen or display w3 card (Results 4)
- Search 16: 14 and battery (Results 22)
- Search 17: 16 and led (Results 16)
- Search 18: 4 and screen or display w3 card (Results 439)
- Search 19: 18 and fingerprint (Results 102)
- Search 19: 18 and fingerprint w3 read* (Results 24)
- Search 20: smart w3 card (Results 70361)
- Search 21: 20 and cryptocurrency (Results 128)
- Search 22: 21 and fingerprint w3 scan* (Results 42)
- Search 23: 22 and screen or display w3 card (Results 6)
- Search 24: 22 and token w3 stor* (Results 13)
- Search 25: 24 and battery (Results 8)
- Search 26: 21 and hsm (Results 8)

Electronic Database Searched	Google
Files Searched	Scholar (with patents)
Date Conducted	19 February 2020
Search Logic:	
smart card cryptocurrency About 5,760 results (0.07 sec) smart card cryptocurrency fingerprint scanner About 956 results (0.07 sec) smart card cryptocurrency fingerprint scanner screen display authentication About 1,100 results (0.06 sec) smart card cryptocurrency fingerprint scanner screen display authentication hsm token storage About 34 results (0.11 sec) smart card cryptocurrency fingerprint scanner screen display authentication hsm token storage battery About 23 results (0.13 sec)	

Electronic Database Searched	Google
Files Searched	Web
Date Conducted	19 February 2020
Search Logic:	
smart card cryptocurrency About 8,720,000 results (0.45 seconds) smart card cryptocurrency fingerprint scanner About 429,000 results (0.50 seconds) smart card cryptocurrency fingerprint scanner screen display authentication About 447,000 results (0.71 seconds) smart card cryptocurrency fingerprint scanner screen display authentication hsm token storage About 3,680 results (0.60 seconds) smart card cryptocurrency fingerprint scanner screen display authentication hsm token storage battery About 3,910 results (0.61 seconds)	