

CPC to IPC Concordance for Subclass G06K

| CPC Group | IPC Group |
|------------|-----------|
| G06K 1/00 | G06K 1/00 |
| G06K 1/02 | G06K 1/02 |
| G06K 1/025 | G06K 1/02 |
| G06K 1/04 | G06K 1/04 |
| G06K 1/05 | G06K 1/05 |
| G06K 1/06 | G06K 1/06 |
| G06K 1/08 | G06K 1/08 |
| G06K 1/10 | G06K 1/10 |
| G06K 1/12 | G06K 1/12 |
| G06K 1/121 | G06K 1/12 |
| G06K 1/123 | G06K 1/12 |
| G06K 1/125 | G06K 1/12 |
| G06K 1/126 | G06K 1/12 |
| G06K 1/128 | G06K 1/12 |
| G06K 1/14 | G06K 1/14 |
| G06K 1/16 | G06K 1/16 |
| G06K 1/18 | G06K 1/18 |
| G06K 1/20 | G06K 1/20 |
| G06K 1/22 | G06K 1/22 |
| G06K 3/00 | G06K 3/00 |
| G06K 3/02 | G06K 3/02 |
| G06K 5/00 | G06K 5/00 |
| G06K 5/02 | G06K 5/02 |

| CPC Group | IPC Group |
|-------------|-----------|
| G06K 5/04 | G06K 5/04 |
| G06K 7/00 | G06K 7/00 |
| G06K 7/0004 | G06K 7/00 |
| G06K 7/0008 | G06K 7/00 |
| G06K 7/0013 | G06K 7/00 |
| G06K 7/0017 | G06K 7/00 |
| G06K 7/0021 | G06K 7/00 |
| G06K 7/0026 | G06K 7/00 |
| G06K 7/003 | G06K 7/00 |
| G06K 7/0034 | G06K 7/00 |
| G06K 7/0039 | G06K 7/00 |
| G06K 7/0043 | G06K 7/00 |
| G06K 7/0047 | G06K 7/00 |
| G06K 7/0052 | G06K 7/00 |
| G06K 7/0056 | G06K 7/00 |
| G06K 7/006 | G06K 7/00 |
| G06K 7/0065 | G06K 7/00 |
| G06K 7/0069 | G06K 7/00 |
| G06K 7/0073 | G06K 7/00 |
| G06K 7/0078 | G06K 7/00 |
| G06K 7/0082 | G06K 7/00 |
| G06K 7/0086 | G06K 7/00 |
| G06K 7/0091 | G06K 7/00 |
| G06K 7/0095 | G06K 7/00 |

| CPC Group | IPC Group |
|--------------|------------|
| G06K 7/01 | G06K 7/01 |
| G06K 7/015 | G06K 7/015 |
| G06K 7/016 | G06K 7/016 |
| G06K 7/0163 | G06K 7/016 |
| G06K 7/0166 | G06K 7/016 |
| G06K 7/02 | G06K 7/02 |
| G06K 7/04 | G06K 7/04 |
| G06K 7/042 | G06K 7/04 |
| G06K 7/045 | G06K 7/04 |
| G06K 7/047 | G06K 7/04 |
| G06K 7/06 | G06K 7/06 |
| G06K 7/065 | G06K 7/06 |
| G06K 7/08 | G06K 7/08 |
| G06K 7/081 | G06K 7/08 |
| G06K 7/082 | G06K 7/08 |
| G06K 7/083 | G06K 7/08 |
| G06K 7/084 | G06K 7/08 |
| G06K 7/085 | G06K 7/08 |
| G06K 7/086 | G06K 7/08 |
| G06K 7/087 | G06K 7/08 |
| G06K 7/088 | G06K 7/08 |
| G06K 7/089 | G06K 7/08 |
| G06K 7/10 | G06K 7/10 |
| G06K 7/10009 | G06K 7/10 |

| CPC Group | IPC Group |
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| G06K 7/10019 | G06K 7/10 |
| G06K 7/10029 | G06K 7/10 |
| G06K 7/10039 | G06K 7/10 |
| G06K 7/10049 | G06K 7/10 |
| G06K 7/10059 | G06K 7/10 |
| G06K 7/10069 | G06K 7/10 |
| G06K 7/10079 | G06K 7/10 |
| G06K 7/10089 | G06K 7/10 |
| G06K 7/10099 | G06K 7/10 |
| G06K 7/10108 | G06K 7/10 |
| G06K 7/10118 | G06K 7/10 |
| G06K 7/10128 | G06K 7/10 |
| G06K 7/10138 | G06K 7/10 |
| G06K 7/10148 | G06K 7/10 |
| G06K 7/10158 | G06K 7/10 |
| G06K 7/10168 | G06K 7/10 |
| G06K 7/10178 | G06K 7/10 |
| G06K 7/10188 | G06K 7/10 |
| G06K 7/10198 | G06K 7/10 |
| G06K 7/10207 | G06K 7/10 |
| G06K 7/10217 | G06K 7/10 |
| G06K 7/10227 | G06K 7/10 |
| G06K 7/10237 | G06K 7/10 |
| G06K 7/10247 | G06K 7/10 |

| CPC Group | IPC Group |
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| G06K 7/10257 | G06K 7/10 |
| G06K 7/10267 | G06K 7/10 |
| G06K 7/10277 | G06K 7/10 |
| G06K 7/10287 | G06K 7/10 |
| G06K 7/10297 | G06K 7/10 |
| G06K 7/10306 | G06K 7/10 |
| G06K 7/10316 | G06K 7/10 |
| G06K 7/10326 | G06K 7/10 |
| G06K 7/10336 | G06K 7/10 |
| G06K 7/10346 | G06K 7/10 |
| G06K 7/10356 | G06K 7/10 |
| G06K 7/10366 | G06K 7/10 |
| G06K 7/10376 | G06K 7/10 |
| G06K 7/10386 | G06K 7/10 |
| G06K 7/10396 | G06K 7/10 |
| G06K 7/10405 | G06K 7/10 |
| G06K 7/10415 | G06K 7/10 |
| G06K 7/10425 | G06K 7/10 |
| G06K 7/10435 | G06K 7/10 |
| G06K 7/10445 | G06K 7/10 |
| G06K 7/10455 | G06K 7/10 |
| G06K 7/10465 | G06K 7/10 |
| G06K 7/10475 | G06K 7/10 |
| G06K 2007/10485 | G06K 7/10 |

| CPC Group | IPC Group |
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| G06K 2007/10495 | G06K 7/10 |
| G06K 2007/10504 | G06K 7/10 |
| G06K 2007/10514 | G06K 7/10 |
| G06K 2007/10524 | G06K 7/10 |
| G06K 2007/10534 | G06K 7/10 |
| G06K 7/10544 | G06K 7/10 |
| G06K 7/10554 | G06K 7/10 |
| G06K 7/10564 | G06K 7/10 |
| G06K 7/10574 | G06K 7/10 |
| G06K 7/10584 | G06K 7/10 |
| G06K 7/10594 | G06K 7/10 |
| G06K 7/10603 | G06K 7/10 |
| G06K 7/10613 | G06K 7/10 |
| G06K 7/10623 | G06K 7/10 |
| G06K 7/10633 | G06K 7/10 |
| G06K 7/10643 | G06K 7/10 |
| G06K 7/10653 | G06K 7/10 |
| G06K 7/10663 | G06K 7/10 |
| G06K 7/10673 | G06K 7/10 |
| G06K 7/10683 | G06K 7/10 |
| G06K 7/10693 | G06K 7/10 |
| G06K 7/10702 | G06K 7/10 |
| G06K 7/10712 | G06K 7/10 |
| G06K 7/10722 | G06K 7/10 |

| CPC Group | IPC Group |
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| G06K 7/10732 | G06K 7/10 |
| G06K 7/10742 | G06K 7/10 |
| G06K 7/10752 | G06K 7/10 |
| G06K 7/10762 | G06K 7/10 |
| G06K 7/10772 | G06K 7/10 |
| G06K 7/10782 | G06K 7/10 |
| G06K 7/10792 | G06K 7/10 |
| G06K 7/10801 | G06K 7/10 |
| G06K 7/10811 | G06K 7/10 |
| G06K 7/10821 | G06K 7/10 |
| G06K 7/10831 | G06K 7/10 |
| G06K 7/10841 | G06K 7/10 |
| G06K 7/10851 | G06K 7/10 |
| G06K 7/10861 | G06K 7/10 |
| G06K 7/10871 | G06K 7/10 |
| G06K 7/10881 | G06K 7/10 |
| G06K 7/10891 | G06K 7/10 |
| G06K 7/109 | G06K 7/10 |
| G06K 7/1091 | G06K 7/10 |
| G06K 7/1092 | G06K 7/10 |
| G06K 7/1093 | G06K 7/10 |
| G06K 7/1094 | G06K 7/10 |
| G06K 7/1095 | G06K 7/10 |
| G06K 7/1096 | G06K 7/10 |

| CPC Group | IPC Group |
|-------------|-----------|
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| G06K 7/1098 | G06K 7/10 |
| G06K 7/1099 | G06K 7/10 |
| G06K 7/12 | G06K 7/12 |
| G06K 7/14 | G06K 7/14 |
| G06K 7/1404 | G06K 7/14 |
| G06K 7/1408 | G06K 7/14 |
| G06K 7/1413 | G06K 7/14 |
| G06K 7/1417 | G06K 7/14 |
| G06K 7/1421 | G06K 7/14 |
| G06K 7/1426 | G06K 7/14 |
| G06K 7/143 | G06K 7/14 |
| G06K 7/1434 | G06K 7/14 |
| G06K 7/1439 | G06K 7/14 |
| G06K 7/1443 | G06K 7/14 |
| G06K 7/1447 | G06K 7/14 |
| G06K 7/1452 | G06K 7/14 |
| G06K 7/1456 | G06K 7/14 |
| G06K 7/146 | G06K 7/14 |
| G06K 7/1465 | G06K 7/14 |
| G06K 7/1469 | G06K 7/14 |
| G06K 7/1473 | G06K 7/14 |
| G06K 7/1478 | G06K 7/14 |
| G06K 7/1482 | G06K 7/14 |

| CPC Group | IPC Group |
|----------------|-----------|
| G06K 7/1486 | G06K 7/14 |
| G06K 7/1491 | G06K 7/14 |
| G06K 7/1495 | G06K 7/14 |
| G06K 9/00 | G06K 9/00 |
| G06K 9/00006 | G06K 9/00 |
| G06K 9/00013 | G06K 9/00 |
| G06K 9/0002 | G06K 9/00 |
| G06K 9/00026 | G06K 9/00 |
| G06K 9/00033 | G06K 9/00 |
| G06K 9/0004 | G06K 9/00 |
| G06K 9/00046 | G06K 9/00 |
| G06K 9/00053 | G06K 9/00 |
| G06K 2009/0006 | G06K 9/00 |
| G06K 9/00067 | G06K 9/00 |
| G06K 9/00073 | G06K 9/00 |
| G06K 9/0008 | G06K 9/00 |
| G06K 9/00087 | G06K 9/00 |
| G06K 9/00093 | G06K 9/00 |
| G06K 9/001 | G06K 9/00 |
| G06K 9/00107 | G06K 9/00 |
| G06K 9/00114 | G06K 9/00 |
| G06K 9/0012 | G06K 9/00 |
| G06K 9/00127 | G06K 9/00 |
| G06K 9/00134 | G06K 9/00 |

| CPC Group | IPC Group |
|--------------|-----------|
| G06K 9/0014 | G06K 9/00 |
| G06K 9/00147 | G06K 9/00 |
| G06K 9/00154 | G06K 9/00 |
| G06K 9/00161 | G06K 9/00 |
| G06K 9/00167 | G06K 9/00 |
| G06K 9/00174 | G06K 9/00 |
| G06K 9/00181 | G06K 9/00 |
| G06K 9/00187 | G06K 9/00 |
| G06K 9/00194 | G06K 9/00 |
| G06K 9/00201 | G06K 9/00 |
| G06K 9/00208 | G06K 9/00 |
| G06K 9/00214 | G06K 9/00 |
| G06K 9/00221 | G06K 9/00 |
| G06K 9/00228 | G06K 9/00 |
| G06K 9/00234 | G06K 9/00 |
| G06K 9/00241 | G06K 9/00 |
| G06K 9/00248 | G06K 9/00 |
| G06K 9/00255 | G06K 9/00 |
| G06K 9/00261 | G06K 9/00 |
| G06K 9/00268 | G06K 9/00 |
| G06K 9/00275 | G06K 9/00 |
| G06K 9/00281 | G06K 9/00 |
| G06K 9/00288 | G06K 9/00 |
| G06K 9/00295 | G06K 9/00 |

| CPC Group | IPC Group |
|-----------------|-----------|
| G06K 9/00302 | G06K 9/00 |
| G06K 9/00308 | G06K 9/00 |
| G06K 9/00315 | G06K 9/00 |
| G06K 2009/00322 | G06K 9/00 |
| G06K 2009/00328 | G06K 9/00 |
| G06K 9/00335 | G06K 9/00 |
| G06K 9/00342 | G06K 9/00 |
| G06K 9/00348 | G06K 9/00 |
| G06K 9/00355 | G06K 9/00 |
| G06K 9/00362 | G06K 9/00 |
| G06K 9/00369 | G06K 9/00 |
| G06K 9/00375 | G06K 9/00 |
| G06K 9/00382 | G06K 9/00 |
| G06K 9/00389 | G06K 9/00 |
| G06K 2009/00395 | G06K 9/00 |
| G06K 9/00402 | G06K 9/00 |
| G06K 9/00409 | G06K 9/00 |
| G06K 9/00416 | G06K 9/00 |
| G06K 9/00422 | G06K 9/00 |
| G06K 9/00429 | G06K 9/00 |
| G06K 9/00436 | G06K 9/00 |
| G06K 9/00442 | G06K 9/00 |
| G06K 9/00449 | G06K 9/00 |
| G06K 9/00456 | G06K 9/00 |

| CPC Group | IPC Group |
|------------------|------------------|
| G06K 9/00463 | G06K 9/00 |
| G06K 9/00469 | G06K 9/00 |
| G06K 9/00476 | G06K 9/00 |
| G06K 9/00483 | G06K 9/00 |
| G06K 2009/00489 | G06K 9/00 |
| G06K 9/00496 | G06K 9/00 |
| G06K 9/00503 | G06K 9/00 |
| G06K 9/0051 | G06K 9/00 |
| G06K 9/00516 | G06K 9/00 |
| G06K 9/00523 | G06K 9/00 |
| G06K 9/0053 | G06K 9/00 |
| G06K 9/00536 | G06K 9/00 |
| G06K 9/00543 | G06K 9/00 |
| G06K 9/0055 | G06K 9/00 |
| G06K 9/00557 | G06K 9/00 |
| G06K 9/00563 | G06K 9/00 |
| G06K 9/0057 | G06K 9/00 |
| G06K 9/00577 | G06K 9/00 |
| G06K 2009/00583 | G06K 9/00 |
| G06K 2009/0059 | G06K 9/00 |
| G06K 9/00597 | G06K 9/00 |
| G06K 9/00604 | G06K 9/00 |
| G06K 9/0061 | G06K 9/00 |
| G06K 9/00617 | G06K 9/00 |

| CPC Group | IPC Group |
|-----------------|-----------|
| G06K 9/00624 | G06K 9/00 |
| G06K 9/0063 | G06K 9/00 |
| G06K 9/00637 | G06K 9/00 |
| G06K 2009/00644 | G06K 9/00 |
| G06K 9/00651 | G06K 9/00 |
| G06K 9/00657 | G06K 9/00 |
| G06K 9/00664 | G06K 9/00 |
| G06K 9/00671 | G06K 9/00 |
| G06K 9/00677 | G06K 9/00 |
| G06K 9/00684 | G06K 9/00 |
| G06K 9/00691 | G06K 9/00 |
| G06K 9/00697 | G06K 9/00 |
| G06K 9/00704 | G06K 9/00 |
| G06K 9/00711 | G06K 9/00 |
| G06K 9/00718 | G06K 9/00 |
| G06K 9/00724 | G06K 9/00 |
| G06K 9/00731 | G06K 9/00 |
| G06K 2009/00738 | G06K 9/00 |
| G06K 9/00744 | G06K 9/00 |
| G06K 9/00751 | G06K 9/00 |
| G06K 9/00758 | G06K 9/00 |
| G06K 9/00765 | G06K 9/00 |
| G06K 9/00771 | G06K 9/00 |
| G06K 9/00778 | G06K 9/00 |

| CPC Group | IPC Group |
|-----------------|-----------|
| G06K 9/00785 | G06K 9/00 |
| G06K 9/00791 | G06K 9/00 |
| G06K 9/00798 | G06K 9/00 |
| G06K 9/00805 | G06K 9/00 |
| G06K 9/00812 | G06K 9/00 |
| G06K 9/00818 | G06K 9/00 |
| G06K 9/00825 | G06K 9/00 |
| G06K 9/00832 | G06K 9/00 |
| G06K 9/00838 | G06K 9/00 |
| G06K 9/00845 | G06K 9/00 |
| G06K 9/00852 | G06K 9/00 |
| G06K 9/00859 | G06K 9/00 |
| G06K 9/00865 | G06K 9/00 |
| G06K 9/00872 | G06K 9/00 |
| G06K 9/00879 | G06K 9/00 |
| G06K 9/00885 | G06K 9/00 |
| G06K 9/00892 | G06K 9/00 |
| G06K 9/00899 | G06K 9/00 |
| G06K 9/00906 | G06K 9/00 |
| G06K 9/00912 | G06K 9/00 |
| G06K 9/00919 | G06K 9/00 |
| G06K 9/00926 | G06K 9/00 |
| G06K 2009/00932 | G06K 9/00 |
| G06K 2009/00939 | G06K 9/00 |

| CPC Group | IPC Group |
|-----------------|-----------|
| G06K 2009/00946 | G06K 9/00 |
| G06K 2009/00953 | G06K 9/00 |
| G06K 2009/00959 | G06K 9/00 |
| G06K 2009/00966 | G06K 9/00 |
| G06K 9/00973 | G06K 9/00 |
| G06K 9/00979 | G06K 9/00 |
| G06K 9/00986 | G06K 9/00 |
| G06K 9/00993 | G06K 9/00 |
| G06K 9/03 | G06K 9/03 |
| G06K 9/033 | G06K 9/03 |
| G06K 9/036 | G06K 9/03 |
| G06K 9/18 | G06K 9/18 |
| G06K 9/183 | G06K 9/18 |
| G06K 9/186 | G06K 9/18 |
| G06K 9/20 | G06K 9/20 |
| G06K 9/2009 | G06K 9/20 |
| G06K 9/2018 | G06K 9/20 |
| G06K 9/2027 | G06K 9/20 |
| G06K 9/2036 | G06K 9/20 |
| G06K 2009/2045 | G06K 9/20 |
| G06K 9/2054 | G06K 9/20 |
| G06K 9/2063 | G06K 9/20 |
| G06K 9/2072 | G06K 9/20 |
| G06K 9/2081 | G06K 9/20 |

| CPC Group | IPC Group |
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| G06K 9/209 | G06K 9/20 |
| G06K 9/22 | G06K 9/22 |
| G06K 9/222 | G06K 9/22 |
| G06K 9/224 | G06K 9/22 |
| G06K 2009/226 | G06K 9/22 |
| G06K 9/228 | G06K 9/22 |
| G06K 9/24 | G06K 9/24 |
| G06K 9/26 | G06K 9/26 |
| G06K 9/28 | G06K 9/28 |
| G06K 9/30 | G06K 9/30 |
| G06K 9/32 | G06K 9/32 |
| G06K 9/3208 | G06K 9/32 |
| G06K 9/3216 | G06K 9/32 |
| G06K 2009/3225 | G06K 9/32 |
| G06K 9/3233 | G06K 9/32 |
| G06K 9/3241 | G06K 9/32 |
| G06K 9/325 | G06K 9/32 |
| G06K 9/3258 | G06K 9/32 |
| G06K 9/3266 | G06K 9/32 |
| G06K 9/3275 | G06K 9/32 |
| G06K 9/3283 | G06K 9/32 |
| G06K 2009/3291 | G06K 9/32 |
| G06K 9/34 | G06K 9/34 |
| G06K 9/342 | G06K 9/34 |

| CPC Group | IPC Group |
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| G06K 9/344 | G06K 9/34 |
| G06K 9/346 | G06K 9/34 |
| G06K 9/348 | G06K 9/34 |
| G06K 9/36 | G06K 9/36 |
| G06K 2009/363 | G06K 9/36 |
| G06K 2009/366 | G06K 9/36 |
| G06K 9/38 | G06K 9/38 |
| G06K 9/40 | G06K 9/40 |
| G06K 9/42 | G06K 9/42 |
| G06K 9/44 | G06K 9/44 |
| G06K 9/46 | G06K 9/46 |
| G06K 9/4604 | G06K 9/46 |
| G06K 9/4609 | G06K 9/46 |
| G06K 9/4614 | G06K 9/46 |
| G06K 9/4619 | G06K 9/46 |
| G06K 9/4623 | G06K 9/46 |
| G06K 9/4628 | G06K 9/46 |
| G06K 9/4633 | G06K 9/46 |
| G06K 9/4638 | G06K 9/46 |
| G06K 9/4642 | G06K 9/46 |
| G06K 9/4647 | G06K 9/46 |
| G06K 9/4652 | G06K 9/46 |
| G06K 2009/4657 | G06K 9/46 |
| G06K 9/4661 | G06K 9/46 |

| CPC Group | IPC Group |
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| G06K 2009/4666 | G06K 9/46 |
| G06K 9/4671 | G06K 9/46 |
| G06K 9/4676 | G06K 9/46 |
| G06K 9/468 | G06K 9/46 |
| G06K 9/4685 | G06K 9/46 |
| G06K 9/469 | G06K 9/46 |
| G06K 2009/4695 | G06K 9/46 |
| G06K 9/48 | G06K 9/48 |
| G06K 9/481 | G06K 9/48 |
| G06K 9/482 | G06K 9/48 |
| G06K 2009/484 | G06K 9/48 |
| G06K 2009/485 | G06K 9/48 |
| G06K 2009/487 | G06K 9/48 |
| G06K 2009/488 | G06K 9/48 |
| G06K 9/50 | G06K 9/50 |
| G06K 9/52 | G06K 9/52 |
| G06K 9/522 | G06K 9/52 |
| G06K 9/525 | G06K 9/52 |
| G06K 9/527 | G06K 9/52 |
| G06K 9/54 | G06K 9/54 |
| G06K 9/56 | G06K 9/56 |
| G06K 9/58 | G06K 9/58 |
| G06K 2009/585 | G06K 9/58 |
| G06K 9/60 | G06K 9/60 |

| CPC Group | IPC Group |
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| G06K 9/62 | G06K 9/62 |
| G06K 9/6201 | G06K 9/62 |
| G06K 9/6202 | G06K 9/62 |
| G06K 9/6203 | G06K 9/62 |
| G06K 9/6204 | G06K 9/62 |
| G06K 9/6205 | G06K 9/62 |
| G06K 9/6206 | G06K 9/62 |
| G06K 9/6207 | G06K 9/62 |
| G06K 9/6209 | G06K 9/62 |
| G06K 9/621 | G06K 9/62 |
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| G06K 9/6212 | G06K 9/62 |
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| CPC Group | IPC Group |
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| G06K 9/6232 | G06K 9/62 |
| G06K 9/6234 | G06K 9/62 |
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| G06K 2009/6237 | G06K 9/62 |
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| G06K 9/6252 | G06K 9/62 |

| CPC Group | IPC Group |
|-------------|-----------|
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| G06K 9/6279 | G06K 9/62 |

| CPC Group | IPC Group |
|----------------|-----------|
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| G06K 9/6821 | G06K 9/68 |

| CPC Group | IPC Group |
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| G06K 2009/6871 | G06K 9/68 |
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| G06K 9/726 | G06K 9/72 |
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| G06K 9/741 | G06K 9/74 |
| G06K 9/743 | G06K 9/74 |
| G06K 9/745 | G06K 9/74 |
| G06K 9/746 | G06K 9/74 |
| G06K 9/748 | G06K 9/74 |
| G06K 9/76 | G06K 9/76 |
| G06K 9/78 | G06K 9/78 |
| G06K 9/80 | G06K 9/80 |
| G06K 9/82 | G06K 9/82 |

| CPC Group | IPC Group |
|---------------------|--------------------|
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| G06K 11/06 | G06K 11/06 |
| G06K 13/00 | G06K 13/00 |
| G06K 13/02 | G06K 13/02 |
| G06K 13/04 | G06K 13/04 |
| G06K 13/05 | G06K 13/05 |
| G06K 13/06 | G06K 13/06 |
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| G06K 13/067 | G06K 13/067 |
| G06K 13/07 | G06K 13/07 |
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| G06K 13/0856 | G06K 13/08 |

| CPC Group | IPC Group |
|--------------|-------------|
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| G06K 13/0868 | G06K 13/08 |
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| G06K 13/18 | G06K 13/18 |
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| G06K 13/28 | G06K 13/28 |
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| G06K 15/002 | G06K 15/00 |
| G06K 15/005 | G06K 15/00 |
| G06K 15/007 | G06K 15/00 |
| G06K 15/02 | G06K 15/02 |

| CPC Group | IPC Group |
|--------------|------------|
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| G06K 15/026 | G06K 15/02 |
| G06K 15/027 | G06K 15/02 |
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| G06K 15/029 | G06K 15/02 |
| G06K 15/04 | G06K 15/04 |
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| CPC Group | IPC Group |
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| G06K 15/1238 | G06K 15/12 |
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| G06K 15/1285 | G06K 15/12 |
| G06K 15/129 | G06K 15/12 |
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| G06K 15/1809 | G06K 15/02 |

| CPC Group | IPC Group |
|--------------|------------|
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| CPC Group | IPC Group |
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| CPC Group | IPC Group |
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| G06K 15/1898 | G06K 15/02 |
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| G06K 15/225 | G06K 15/22 |
| G06K 15/40 | G06K 15/00 |
| G06K 15/4005 | G06K 15/00 |

| CPC Group | IPC Group |
|--------------|------------|
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| G06K 15/4065 | G06K 15/00 |
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| G06K 15/4075 | G06K 15/00 |
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| G06K 15/4085 | G06K 15/00 |
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| G06K 17/0016 | G06K 17/00 |

| CPC Group | IPC Group |
|-----------------------|-------------------|
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| G06K 2017/0038 | G06K 17/00 |
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| G06K 2017/0045 | G06K 17/00 |
| G06K 2017/0048 | G06K 17/00 |
| G06K 2017/0051 | G06K 17/00 |
| G06K 2017/0054 | G06K 17/00 |
| G06K 2017/0058 | G06K 17/00 |
| G06K 2017/0061 | G06K 17/00 |
| G06K 2017/0064 | G06K 17/00 |
| G06K 2017/0067 | G06K 17/00 |
| G06K 2017/007 | G06K 17/00 |
| G06K 2017/0074 | G06K 17/00 |
| G06K 2017/0077 | G06K 17/00 |
| G06K 2017/008 | G06K 17/00 |
| G06K 2017/0083 | G06K 17/00 |
| G06K 2017/0087 | G06K 17/00 |
| G06K 2017/009 | G06K 17/00 |
| G06K 2017/0093 | G06K 17/00 |

| CPC Group | IPC Group |
|----------------|------------|
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| G06K 19/06056 | G06K 19/06 |
| G06K 19/06065 | G06K 19/06 |
| G06K 19/06075 | G06K 19/06 |
| G06K 19/06084 | G06K 19/06 |

| CPC Group | IPC Group |
|-----------------|-------------|
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| G06K 2019/06234 | G06K 19/06 |
| G06K 2019/06243 | G06K 19/06 |
| G06K 2019/06253 | G06K 19/06 |
| G06K 2019/06262 | G06K 19/06 |
| G06K 2019/06271 | G06K 19/06 |
| G06K 2019/06281 | G06K 19/06 |
| G06K 2019/0629 | G06K 19/06 |
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| G06K 19/067 | G06K 19/067 |

| CPC Group | IPC Group |
|--------------|-------------|
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| G06K 19/0721 | G06K 19/07 |

| CPC Group | IPC Group |
|---------------|-------------|
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| G06K 19/0726 | G06K 19/07 |
| G06K 19/0727 | G06K 19/07 |
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| G06K 19/07709 | G06K 19/077 |

| CPC Group | IPC Group |
|---------------|-------------|
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| G06K 19/07718 | G06K 19/077 |
| G06K 19/0772 | G06K 19/077 |
| G06K 19/07722 | G06K 19/077 |
| G06K 19/07724 | G06K 19/077 |
| G06K 19/07726 | G06K 19/077 |
| G06K 19/07728 | G06K 19/077 |
| G06K 19/0773 | G06K 19/077 |
| G06K 19/07732 | G06K 19/077 |
| G06K 19/07733 | G06K 19/077 |
| G06K 19/07735 | G06K 19/077 |
| G06K 19/07737 | G06K 19/077 |
| G06K 19/07739 | G06K 19/077 |
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| G06K 19/07743 | G06K 19/077 |
| G06K 19/07745 | G06K 19/077 |
| G06K 19/07747 | G06K 19/077 |
| G06K 19/07749 | G06K 19/077 |
| G06K 19/0775 | G06K 19/077 |
| G06K 19/07752 | G06K 19/077 |
| G06K 19/07754 | G06K 19/077 |

| CPC Group | IPC Group |
|---------------|-------------|
| G06K 19/07756 | G06K 19/077 |
| G06K 19/07758 | G06K 19/077 |
| G06K 19/0776 | G06K 19/077 |
| G06K 19/07762 | G06K 19/077 |
| G06K 19/07764 | G06K 19/077 |
| G06K 19/07766 | G06K 19/077 |
| G06K 19/07767 | G06K 19/077 |
| G06K 19/07769 | G06K 19/077 |
| G06K 19/07771 | G06K 19/077 |
| G06K 19/07773 | G06K 19/077 |
| G06K 19/07775 | G06K 19/077 |
| G06K 19/07777 | G06K 19/077 |
| G06K 19/07779 | G06K 19/077 |
| G06K 19/07781 | G06K 19/077 |
| G06K 19/07783 | G06K 19/077 |
| G06K 19/07784 | G06K 19/077 |
| G06K 19/07786 | G06K 19/077 |
| G06K 19/07788 | G06K 19/077 |
| G06K 19/0779 | G06K 19/077 |
| G06K 19/07792 | G06K 19/077 |
| G06K 19/07794 | G06K 19/077 |
| G06K 19/07796 | G06K 19/077 |
| G06K 19/07798 | G06K 19/077 |
| G06K 19/08 | G06K 19/08 |

| CPC Group | IPC Group |
|-----------------------|-------------------|
| G06K 19/083 | G06K 19/08 |
| G06K 19/086 | G06K 19/08 |
| G06K 19/10 | G06K 19/10 |
| G06K 19/12 | G06K 19/12 |
| G06K 19/14 | G06K 19/14 |
| G06K 19/145 | G06K 19/14 |
| G06K 19/16 | G06K 19/16 |
| G06K 19/18 | G06K 19/18 |
| G06K 21/00 | G06K 21/00 |
| G06K 21/002 | G06K 21/00 |
| G06K 21/005 | G06K 21/00 |
| G06K 21/007 | G06K 21/00 |
| G06K 21/02 | G06K 21/02 |
| G06K 21/04 | G06K 21/04 |
| G06K 21/06 | G06K 21/06 |
| G06K 21/08 | G06K 21/08 |
| G06K 21/085 | G06K 21/08 |
| G06K 2207/00 | — |
| G06K 2207/1011 | — |
| G06K 2207/1012 | — |
| G06K 2207/1013 | — |
| G06K 2207/1015 | — |
| G06K 2207/1016 | — |
| G06K 2207/1017 | — |

| CPC Group | IPC Group |
|----------------|-----------|
| G06K 2207/1018 | — |
| G06K 2209/00 | — |
| G06K 2209/01 | — |
| G06K 2209/011 | — |
| G06K 2209/013 | — |
| G06K 2209/015 | — |
| G06K 2209/03 | — |
| G06K 2209/05 | — |
| G06K 2209/051 | — |
| G06K 2209/053 | — |
| G06K 2209/055 | — |
| G06K 2209/057 | — |
| G06K 2209/07 | — |
| G06K 2209/09 | — |
| G06K 2209/15 | — |
| G06K 2209/17 | — |
| G06K 2209/19 | — |
| G06K 2209/21 | — |
| G06K 2209/23 | — |
| G06K 2209/25 | — |
| G06K 2209/27 | — |
| G06K 2209/29 | — |
| G06K 2209/40 | — |
| G06K 2209/401 | — |

| CPC Group | IPC Group |
|----------------|-----------|
| G06K 2209/403 | — |
| G06K 2209/50 | — |
| G06K 2209/501 | — |
| G06K 2209/502 | — |
| G06K 2209/503 | — |
| G06K 2209/504 | — |
| G06K 2209/505 | — |
| G06K 2209/506 | — |
| G06K 2215/00 | — |
| G06K 2215/0002 | — |
| G06K 2215/0005 | — |
| G06K 2215/0008 | — |
| G06K 2215/0011 | — |
| G06K 2215/0014 | — |
| G06K 2215/0017 | — |
| G06K 2215/002 | — |
| G06K 2215/0022 | — |
| G06K 2215/0025 | — |
| G06K 2215/0028 | — |
| G06K 2215/0031 | — |
| G06K 2215/0034 | — |
| G06K 2215/0037 | — |
| G06K 2215/004 | — |
| G06K 2215/0042 | — |

| CPC Group | IPC Group |
|----------------|-----------|
| G06K 2215/0045 | — |
| G06K 2215/0048 | — |
| G06K 2215/0051 | — |
| G06K 2215/0054 | — |
| G06K 2215/0057 | — |
| G06K 2215/006 | — |
| G06K 2215/0062 | — |
| G06K 2215/0065 | — |
| G06K 2215/0068 | — |
| G06K 2215/0071 | — |
| G06K 2215/0074 | — |
| G06K 2215/0077 | — |
| G06K 2215/008 | — |
| G06K 2215/0082 | — |
| G06K 2215/0085 | — |
| G06K 2215/0088 | — |
| G06K 2215/0091 | — |
| G06K 2215/0094 | — |
| G06K 2215/0097 | — |
| G06K 2215/101 | — |
| G06K 2215/111 | — |