

# CPC COOPERATIVE PATENT CLASSIFICATION

## G PHYSICS (NOTES omitted)

### INSTRUMENTS

## G06 COMPUTING; CALCULATING OR COUNTING (NOTES omitted)

## G06Q INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL OR SUPERVISORY PURPOSES; SYSTEMS OR METHODS SPECIALLY ADAPTED FOR ADMINISTRATIVE, COMMERCIAL, FINANCIAL, MANAGERIAL OR SUPERVISORY PURPOSES, NOT OTHERWISE PROVIDED FOR

### NOTES

- Groups [G06Q 10/00](#) - [G06Q 50/00](#) and [G06Q 99/00](#) only cover systems or methods that involve significant data processing operations, i.e. data processing operations that need to be carried out by a technological, e.g. computing, system or device. Group [G06Q 90/00](#) covers systems or methods that do not involve significant data processing, when both of the following conditions are fulfilled:
  - the systems or methods are specially adapted for the purposes mentioned in the subclass title or the titles of groups [G06Q 10/00](#) - [G06Q 50/00](#); and
  - the systems or methods cannot be classified elsewhere, for example by applying the principles described in paragraph 96 of the Guide to the IPC.
- When classifying such systems or methods in group [G06Q 90/00](#), additional classification may be made in the most closely related group of this or any other subclass, if this classification gives information about the application of the systems or methods that could be of interest for search. Such non-obligatory classification must be given as "additional information".

### WARNINGS

- [G06Q](#) has been largely refined to bring most of the former USPC 705 groups into ECLA, prior to CPC launch. Therefore, most of the new [G06Q](#) subdivisions are not complete pending reclassification. Users are invited to systematically consult also the hierarchically higher groups, up to the first valid IPC group. For example, while searching in [G06Q 50/2053](#), it is appropriate to consult also [G06Q 50/205](#) and [G06Q 50/20](#)
- In this subclass non-limiting references (in the sense of paragraph 39 of the Guide to the IPC) may still be displayed in the scheme.

<b>10/00</b>	<b>Administration; Management</b>	10/06	. Resources, workflows, human or project management; Enterprise or organisation planning; Enterprise or organisation modelling
10/02	. Reservations, e.g. for tickets, services or events		
10/025	. . {Coordination of plural reservations, e.g. plural trip segments, transportation combined with accommodation}		
10/04	. Forecasting or optimisation specially adapted for administrative or management purposes, e.g. linear programming or "cutting stock problem" (market predictions or forecasting for commercial activities <a href="#">G06Q 30/0202</a> )		<b><u>WARNING</u></b> Group <a href="#">G06Q 10/06</a> is incomplete pending reclassification of documents from group <a href="#">E21B 41/0092</a> . Groups <a href="#">E21B 41/0092</a> and <a href="#">G06Q 10/06</a> should be considered in order to perform a complete search.
10/043	. . {Optimisation of two dimensional placement, e.g. cutting of clothes or wood}		
10/047	. . Optimisation of routes or paths, e.g. travelling salesman problem	10/063	. . Operations research, analysis or management
		10/0631	. . . Resource planning, allocation, distributing or scheduling for enterprises or organisations
		10/06311	. . . . {Scheduling, planning or task assignment for a person or group}
		10/063112	. . . . . {Skill-based matching of a person or a group to a task}
		10/063114	. . . . . {Status monitoring or status determination for a person or group}
		10/063116	. . . . . {Schedule adjustment for a person or group}

10/063118 . . . . .	{Staff planning in a project environment}	10/1095 . . . . .	{Meeting or appointment}
10/06312 . . . . .	{Adjustment or analysis of established resource schedule, e.g. resource or task levelling, or dynamic rescheduling}	10/1097 . . . . .	{Task assignment}
10/06313 . . . . .	{Resource planning in a project environment}	10/20 . . . . .	Administration of product repair or maintenance
10/06314 . . . . .	{Calendar for a resource}	10/30 . . . . .	Administration of product recycling or disposal
10/06315 . . . . .	{Needs-based resource requirements planning or analysis}	<b>20/00</b>	<b>Payment architectures, schemes or protocols</b> (apparatus for performing or posting payment transactions <a href="#">G07F 7/08</a> , <a href="#">G07F 19/00</a> ; electronic cash registers <a href="#">G07G 1/12</a> )
10/06316 . . . . .	{Sequencing of tasks or work}	20/02 . . . . .	involving a neutral party, e.g. certification authority, notary or trusted third party [TTP]
10/0633 . . . . .	Workflow analysis	20/023 . . . . .	{the neutral party being a clearing house}
10/0635 . . . . .	Risk analysis of enterprise or organisation activities	20/027 . . . . .	{involving a payment switch or gateway}
10/0637 . . . . .	Strategic management or analysis, e.g. setting a goal or target of an organisation; Planning actions based on goals; Analysis or evaluation of effectiveness of goals	20/04 . . . . .	Payment circuits
10/06375 . . . . .	{Prediction of business process outcome or impact based on a proposed change}	20/042 . . . . .	{characterized in that the payment protocol involves at least one cheque}
10/0639 . . . . .	Performance analysis of employees; Performance analysis of enterprise or organisation operations	20/0425 . . . . .	{the cheque being electronic only}
10/06393 . . . . .	{Score-carding, benchmarking or key performance indicator [KPI] analysis}	20/045 . . . . .	{using payment protocols involving tickets}
10/06395 . . . . .	{Quality analysis or management}	20/0457 . . . . .	{the tickets being sent electronically}
10/06398 . . . . .	{Performance of employee with respect to a job function}	20/047 . . . . .	{using payment protocols involving electronic receipts}
10/067 . . . . .	Enterprise or organisation modelling	20/06 . . . . .	Private payment circuits, e.g. involving electronic currency used among participants of a common payment scheme
10/08 . . . . .	Logistics, e.g. warehousing, loading or distribution; Inventory or stock management	20/065 . . . . .	{using e-cash}
10/083 . . . . .	Shipping	20/0652 . . . . .	{e-cash with decreasing value according to a parameter, e.g. time}
10/0831 . . . . .	Overseas transactions	20/0655 . . . . .	{e-cash managed centrally}
10/0832 . . . . .	Special goods or special handling procedures, e.g. handling of hazardous or fragile goods	20/0658 . . . . .	{e-cash managed locally}
10/0833 . . . . .	Tracking	20/08 . . . . .	Payment architectures
10/0834 . . . . .	Choice of carriers	20/085 . . . . .	{involving remote charge determination or related payment systems}
10/08345 . . . . .	{Pricing}	20/0855 . . . . .	{involving a third party}
10/0835 . . . . .	Relationships between shipper or supplier and carriers	20/10 . . . . .	specially adapted for electronic funds transfer [EFT] systems; specially adapted for home banking systems
10/08355 . . . . .	{Routing methods}	20/102 . . . . .	{Bill distribution or payments}
10/0836 . . . . .	Recipient pick-ups	20/105 . . . . .	{involving programming of a portable memory device, e.g. IC cards, "electronic purses"}
10/0837 . . . . .	Return transactions	20/108 . . . . .	{Remote banking, e.g. home banking}
10/0838 . . . . .	{Historical data}	20/1085 . . . . .	{involving automatic teller machines [ATMs]}
10/087 . . . . .	Inventory or stock management, e.g. order filling, procurement or balancing against orders	20/12 . . . . .	specially adapted for electronic shopping systems
10/0875 . . . . .	Itemisation or classification of parts, supplies or services, e.g. bill of materials	20/123 . . . . .	{Shopping for digital content}
10/10 . . . . .	Office automation; Time management	20/1235 . . . . .	{with control of digital rights management [DRM]}
10/101 . . . . .	Collaborative creation, e.g. joint development of products or services	20/127 . . . . .	{Shopping or accessing services according to a time-limitation}
10/103 . . . . .	{Workflow collaboration or project management}	20/14 . . . . .	specially adapted for billing systems
10/105 . . . . .	Human resources	20/145 . . . . .	{Payments according to the detected use or quantity}
10/1053 . . . . .	Employment or hiring	20/16 . . . . .	Payments settled via telecommunication systems
10/1057 . . . . .	Benefits or employee welfare, e.g. insurance, holiday or retirement packages	20/18 . . . . .	involving self-service terminals [SST], vending machines, kiosks or multimedia terminals
10/107 . . . . .	Computer-aided management of electronic mailing [e-mailing]	20/20 . . . . .	Point-of-sale [POS] network systems
10/109 . . . . .	Time management, e.g. calendars, reminders, meetings or time accounting		<b>WARNING</b>
10/1091 . . . . .	Recording time for administrative or management purposes		Group <a href="#">G06Q 20/20</a> is incomplete pending reclassification of documents from group <a href="#">G06Q 20/206</a> .
10/1093 . . . . .	Calendar-based scheduling for persons or groups		Groups <a href="#">G06Q 20/206</a> and <a href="#">G06Q 20/20</a> should be considered in order to perform a complete search.

20/201	. . . {Price look-up processing, e.g. updating}	20/308	. . . {using the Internet of Things}
20/202	. . . {Interconnection or interaction of plural electronic cash registers [ECR] or to host computer, e.g. network details, transfer of information from host to ECR or from ECR to ECR}		<b>WARNING</b>
	<b>NOTE</b>		Group <a href="#">G06Q 20/308</a> is incomplete pending reclassification of documents from group <a href="#">G06Q 20/30</a> .
	Features of the apparatus <i>per se</i> should be classified in <a href="#">G07G 1/14</a>		Groups <a href="#">G06Q 20/30</a> and <a href="#">G06Q 20/308</a> should be considered in order to perform a complete search.
20/203	. . . {Inventory monitoring}	20/32	. . . using wireless devices
20/204	. . . {comprising interface for record bearing medium or carrier for electronic funds transfer or payment credit}		<b>WARNING</b>
20/206	. . . {comprising security or operator identification provisions, e.g. password entry}		Group <a href="#">G06Q 20/32</a> is impacted by reclassification into groups <a href="#">G06Q 20/321</a> , <a href="#">G06Q 20/326</a> , <a href="#">G06Q 20/3263</a> , <a href="#">G06Q 20/3265</a> , and <a href="#">G06Q 20/3267</a> .
	<b>WARNING</b>		All groups listed in this Warning should be considered in order to perform a complete search.
	Group <a href="#">G06Q 20/206</a> is impacted by reclassification into group <a href="#">G06Q 20/20</a> .	20/321	. . . {using wearable devices}
	Groups <a href="#">G06Q 20/206</a> and <a href="#">G06Q 20/20</a> should be considered in order to perform a complete search.		<b>WARNING</b>
20/207	. . . {Tax processing}		Group <a href="#">G06Q 20/321</a> is incomplete pending reclassification of documents from group <a href="#">G06Q 20/32</a> .
20/208	. . . {Input by product or record sensing, e.g. weighing or scanner processing}		Groups <a href="#">G06Q 20/32</a> and <a href="#">G06Q 20/321</a> should be considered in order to perform a complete search.
20/209	. . . {Specified transaction journal output feature, e.g. printed receipt or voice output}	20/322	. . . {Aspects of commerce using mobile devices [M-devices]}
20/22	. Payment schemes or models	20/3221	. . . . {Access to banking information through M-devices}
20/223	. . {based on the use of peer-to-peer networks}	20/3223	. . . . {Realising banking transactions through M-devices}
20/227	. . {characterised in that multiple accounts are available, e.g. to the payer}	20/3224	. . . . {Transactions dependent on location of M-devices}
20/229	. . {Hierarchy of users of accounts}	20/3226	. . . . {Use of secure elements separate from M-devices}
20/2295	. . . {Parent-child type, e.g. where parent has control on child rights}	20/3227	. . . . {using secure elements embedded in M-devices}
20/24	. . Credit schemes, i.e. "pay after"	20/3229	. . . . {Use of the SIM of a M-device as secure element}
20/26	. . Debit schemes, e.g. "pay now"	20/325	. . . . {using wireless networks}
20/28	. . Pre-payment schemes, e.g. "pay before"	20/3255	. . . . {using mobile network messaging services for payment, e.g. SMS}
20/29	. . {characterised by micropayments}	20/326	. . . . {Payment applications installed on the mobile devices}
20/30	. characterised by the use of specific devices {or networks}		<b>WARNING</b>
	<b>WARNING</b>		Groups <a href="#">G06Q 20/326</a> – <a href="#">G06Q 20/3267</a> are incomplete pending reclassification of documents from group <a href="#">G06Q 20/32</a> .
	Group <a href="#">G06Q 20/30</a> is impacted by reclassification into groups <a href="#">G06Q 20/306</a> and <a href="#">G06Q 20/308</a> .		Groups <a href="#">G06Q 20/32</a> and <a href="#">G06Q 20/326</a> – <a href="#">G06Q 20/3267</a> should be considered in order to perform a complete search.
	Groups <a href="#">G06Q 20/30</a> , <a href="#">G06Q 20/306</a> , and <a href="#">G06Q 20/308</a> should be considered in order to perform a complete search.	20/3263	. . . . {characterised by activation or deactivation of payment capabilities}
20/305	. . {using wired telephone networks}	20/3265	. . . . {characterised by personalisation for use}
20/306	. . {using TV related infrastructures (external card used for payment with client device <a href="#">H04N 21/4185</a> )}	20/3267	. . . . {In-app payments}
	<b>WARNING</b>	20/327	. . . . {Short range or proximity payments by means of M-devices}
	Group <a href="#">G06Q 20/306</a> is incomplete pending reclassification of documents from group <a href="#">G06Q 20/30</a> .	20/3272	. . . . {using an audio code}
	Groups <a href="#">G06Q 20/30</a> and <a href="#">G06Q 20/306</a> should be considered in order to perform a complete search.		

- 20/3274 . . . . {using a pictured code, e.g. barcode or QR-code, being displayed on the M-device}
- 20/3276 . . . . {using a pictured code, e.g. barcode or QR-code, being read by the M-device}
- 20/3278 . . . . {RFID or NFC payments by means of M-devices}
- 20/34 . . using cards, e.g. integrated circuit [IC] cards or magnetic cards
- 20/341 . . . {Active cards, i.e. cards including their own processing means, e.g. including an IC or chip}
- 20/3415 . . . . {Cards acting autonomously as pay-media}
- 20/342 . . . {Cards defining paid or billed services or quantities}
- 20/343 . . . {Cards including a counter}
- 20/3433 . . . . {the counter having monetary units}
- 20/3437 . . . . {the counter having non-monetary units, e.g. trips}
- 20/346 . . . {Cards serving only as information carrier of service}
- 20/347 . . . {Passive cards}
- 20/348 . . . {Single-use cards, i.e. without possibility of recharging}
- 20/349 . . . {Rechargeable cards}
- 20/351 . . . {Virtual cards}
- 20/352 . . . {Contactless payments by cards}
- 20/353 . . . {Payments by cards read by M-devices}
- 20/354 . . . {Card activation or deactivation}
- 20/355 . . . {Personalisation of cards for use}
- 20/3552 . . . . {Downloading or loading of personalisation data}
- 20/3555 . . . . {Personalisation of two or more cards}
- 20/3558 . . . . {Preliminary personalisation for transfer to user}
- 20/356 . . . {Aspects of software for card payments}
- 20/3563 . . . . {Software being resident on card}
- 20/3567 . . . . {Software being in the reader}
- 20/357 . . . {Cards having a plurality of specified features}
- 20/3572 . . . . {Multiple accounts on card}
- 20/3574 . . . . {Multiple applications on card}
- 20/3576 . . . . {Multiple memory zones on card}
- 20/35765 . . . . . {Access rights to memory zones}
- 20/36 . . using electronic wallets or electronic money safes
- 20/363 . . . {with the personal data of a user}
- 20/367 . . . {involving electronic purses or money safes}
- 20/3672 . . . . {initialising or reloading thereof}
- 20/3674 . . . . {involving authentication}
- 20/3676 . . . . {Balancing accounts}
- 20/3678 . . . . {e-cash details, e.g. blinded, divisible or detecting double spending}
- 20/38 . . Payment protocols; Details thereof

**WARNING**

Group [G06Q 20/38](#) is impacted by reclassification into groups [G06Q 20/384](#) and [G06Q 20/386](#).  
Groups [G06Q 20/38](#), [G06Q 20/384](#), and [G06Q 20/386](#) should be considered in order to perform a complete search.

- 20/381 . . {Currency conversion}
- 20/382 . . {insuring higher security of transaction}
- 20/3821 . . . {Electronic credentials}

- 20/38215 . . . . {Use of certificates or encrypted proofs of transaction rights}
- 20/3823 . . . {combining multiple encryption tools for a transaction}
- 20/3825 . . . {Use of electronic signatures}
- 20/3827 . . . {Use of message hashing}
- 20/3829 . . . {involving key management}
- 20/383 . . {Anonymous user system}
- 20/384 . . {using social networks}

**WARNING**

Group [G06Q 20/384](#) is incomplete pending reclassification of documents from group [G06Q 20/38](#).  
Groups [G06Q 20/38](#) and [G06Q 20/384](#) should be considered in order to perform a complete search.

- 20/385 . . {using an alias or single-use codes}
- 20/386 . . {using messaging services or messaging apps (using mobile network messaging services for payment, e.g. SMS [G06Q 20/3255](#))}

**WARNING**

Group [G06Q 20/386](#) is incomplete pending reclassification of documents from group [G06Q 20/38](#).  
Groups [G06Q 20/38](#) and [G06Q 20/386](#) should be considered in order to perform a complete search.

- 20/387 . . {Payment using discounts or coupons (relating to marketing [G06Q 30/02](#))}

**NOTE**

This group covers only the usage of discounts or coupons interacting with the payment of the protocol

- 20/388 . . {using mutual authentication without cards, e.g. challenge-response}
- 20/389 . . {Keeping log of transactions for guaranteeing non-repudiation of a transaction}
- 20/40 . . Authorisation, e.g. identification of payer or payee, verification of customer or shop credentials; Review and approval of payers, e.g. check credit lines or negative lists
- 20/401 . . . {Transaction verification}

**WARNING**

Group [G06Q 20/401](#) is impacted by reclassification into groups [G06Q 20/4015](#) and [G06Q 20/40155](#).  
Groups [G06Q 20/401](#), [G06Q 20/4015](#), and [G06Q 20/40155](#) should be considered in order to perform a complete search.

- 20/4012 . . . . {Verifying personal identification numbers [PIN]}
- 20/4014 . . . . {Identity check for transactions}
- 20/40145 . . . . . {Biometric identity checks}

20/4015	. . . . {using location information}	30/0203	. . . Market surveys; Market polls
	<b>WARNING</b>	30/0204	. . . Market segmentation
	Groups <a href="#">G06Q 20/4015</a> and <a href="#">G06Q 20/40155</a> are incomplete pending reclassification of documents from group <a href="#">G06Q 20/401</a> .	30/0205	. . . . {Location or geographical consideration}
	Groups <a href="#">G06Q 20/401</a> , <a href="#">G06Q 20/4015</a> , and <a href="#">G06Q 20/40155</a> should be considered in order to perform a complete search.	30/0206	. . . . {Price or cost determination based on market factors}
20/40155	. . . . . {for triggering transactions}	30/0207	. . Discounts or incentives, e.g. coupons or rebates
20/4016	. . . . {involving fraud or risk level assessment in transaction processing}	30/0208	. . . Trade or exchange of goods or services in exchange for incentives or rewards
20/4018	. . . . {using the card verification value [CVV] associated with the card}	30/0209	. . . . {Incentive being awarded or redeemed in connection with the playing of a video game}
20/403	. . . {Solvency checks}	30/0211	. . . Determining the effectiveness of discounts or incentives
20/4033	. . . . {Local solvency checks}	30/0212	. . . {Chance discounts or incentives}
20/4037	. . . . {Remote solvency checks}	30/0213	. . . {Consumer transaction fees}
20/405	. . . {Establishing or using transaction specific rules}	30/0214	. . . Referral reward systems
20/407	. . . {Cancellation of a transaction}	30/0215	. . . {Including financial accounts}
20/409	. . . {Device specific authentication in transaction processing}	30/0216	. . . . {Investment accounts}
20/4093	. . . . {Monitoring of device authentication}	30/0217	. . . involving input on products or services in exchange for incentives or rewards
20/4097	. . . . {using mutual authentication between devices and transaction partners}	30/0218	. . . . {based on score}
20/40975	. . . . . {using encryption therefor}	30/0219	. . . {based on funds or budget}
20/42	. . Confirmation, e.g. check or permission by the legal debtor of payment	30/0221	. . . {Re-usable coupons}
20/425	. . . {using two different networks, one for transaction and one for security confirmation}	30/0222	. . . {During e-commerce, i.e. online transactions}
<b>30/00</b>	<b>Commerce</b>	30/0223	. . . {based on inventory}
30/01	. Customer relationship services	30/0224	. . . {based on user history}
	<b>WARNING</b>	30/0225	. . . {Avoiding frauds}
	Group <a href="#">G06Q 30/01</a> is impacted by reclassification into group <a href="#">G06Q 30/015</a> .	30/0226	. . . Incentive systems for frequent usage, e.g. frequent flyer miles programs or point systems
	Groups <a href="#">G06Q 30/01</a> and <a href="#">G06Q 30/015</a> should be considered in order to perform a complete search.	30/0227	. . . . {Frequent usage incentive value reconciliation between diverse systems}
30/012	. . Providing warranty services	30/0228	. . . . . {On-line clearing houses}
30/014	. . Providing recall services for goods or products	30/0229	. . . . {Multi-merchant loyalty card systems}
30/015	. . Providing customer assistance, e.g. assisting a customer within a business location or via helpdesk	30/0231	. . . . {Awarding of a frequent usage incentive independent of the monetary value of a good or service purchased, or distance travelled}
	<b>WARNING</b>	30/0232	. . . . {Frequent usage rewards other than merchandise, cash or travel}
	Group <a href="#">G06Q 30/015</a> is incomplete pending reclassification of documents from group <a href="#">G06Q 30/01</a> .	30/0233	. . . . {Method of redeeming a frequent usage reward}
	Groups <a href="#">G06Q 30/01</a> and <a href="#">G06Q 30/015</a> should be considered in order to perform a complete search.	30/0234	. . . Rebates after completed purchase
30/016	. . . After-sales	30/0235	. . . constrained by time limit or expiration date
30/018	. Certifying business or products	30/0236	. . . {Incentive or reward received by requiring registration or ID from user}
30/0185	. . {Product, service or business identity fraud}	30/0237	. . . {at kiosk}
30/02	. Marketing; Price estimation or determination; Fundraising	30/0238	. . . at point-of-sale [POS]
30/0201	. . Market modelling; Market analysis; Collecting market data	30/0239	. . . {Online discounts or incentives}
30/0202	. . . Market predictions or forecasting for commercial activities	30/0241	. . Advertisements
		30/0242	. . . Determining effectiveness of advertisements
		30/0243	. . . . {Comparative campaigns}
		30/0244	. . . . {Optimization}
		30/0245	. . . . {Surveys}
		30/0246	. . . . {Traffic}
		30/0247	. . . {Calculate past, present or future revenues}
		30/0248	. . . {Avoiding fraud}
		30/0249	. . . {based upon budgets or funds}
		30/0251	. . . Targeted advertisements
		30/0252	. . . . {based on events or environment, e.g. weather or festivals}
		30/0253	. . . . {During e-commerce, i.e. online transactions}
		30/0254	. . . . {based on statistics}
		30/0255	. . . . {based on user history}



- 30/0256 . . . . . {User search}
- 30/0257 . . . . . {User requested}
- 30/0258 . . . . . {Registration}
- 30/0259 . . . . . {based on store location}
- 30/0261 . . . . . {based on user location}
- 30/0262 . . . . . {during computer stand-by mode}
- 30/0263 . . . . . {based upon Internet or website rating}
- 30/0264 . . . . . {based upon schedule}
- 30/0265 . . . . . {Vehicular advertisement}
- 30/0266 . . . . . {based on the position of the vehicle}
- 30/0267 . . . . . {Wireless devices}
- 30/0268 . . . . . {at point-of-sale [POS]}
- 30/0269 . . . . . {based on user profile or attribute}
- 30/0271 . . . . . {Personalized advertisement}
- 30/0272 . . . . . Period of advertisement exposure
- 30/0273 . . . . . Determination of fees for advertising
- 30/0274 . . . . . {Split fees}
- 30/0275 . . . . . {Auctions}
- 30/0276 . . . . . {Advertisement creation}
- 30/0277 . . . . . {Online advertisement}
- 30/0278 . . . . . {Product appraisal}
- 30/0279 . . . . . Fundraising management
- 30/0281 . . . . . {Customer communication at a business location, e.g. providing product or service information, consulting}
- 30/0282 . . . . . Rating or review of business operators or products
- 30/0283 . . . . . Price estimation or determination
- 30/0284 . . . . . {Time or distance, e.g. usage of parking meters or taximeters}

**NOTE**

Constructional aspects of time meters are classified in groups [G07B 13/00](#), [G07B 15/00](#) or [G07F 17/24](#)

- 30/04 . . . . . Billing or invoicing
- 30/06 . . . . . Buying, selling or leasing transactions
- 30/0601 . . . . . Electronic shopping [e-shopping]
- 30/0603 . . . . . {Catalogue ordering}
- 30/0605 . . . . . {Supply or demand aggregation}
- 30/0607 . . . . . {Regulated}
- 30/0609 . . . . . {Buyer or seller confidence or verification}
- 30/0611 . . . . . {Request for offers or quotes}
- 30/0613 . . . . . {Third-party assisted}
- 30/0615 . . . . . {Anonymizing}
- 30/0617 . . . . . {Representative agent}
- 30/0619 . . . . . {Neutral agent}
- 30/0621 . . . . . {Item configuration or customization}
- 30/0623 . . . . . {Item investigation}
- 30/0625 . . . . . {Directed, with specific intent or strategy}
- 30/0627 . . . . . {using item specifications}
- 30/0629 . . . . . {for generating comparisons}
- 30/0631 . . . . . {Item recommendations}
- 30/0633 . . . . . {Lists, e.g. purchase orders, compilation or processing}
- 30/0635 . . . . . {Processing of requisition or of purchase orders}
- 30/0637 . . . . . {Approvals}
- 30/0639 . . . . . {Item locations}
- 30/0641 . . . . . {Shopping interfaces}
- 30/0643 . . . . . {Graphical representation of items or shoppers}

- 30/0645 . . . . . Rental transactions; Leasing transactions
- 30/08 . . . . . Auctions
- 40/00 Finance; Insurance; Tax strategies; Processing of corporate or income taxes**
- 40/02 . . . . . Banking, e.g. interest calculation or account maintenance ([credit or loans G06Q 40/03](#))
- 40/03 . . . . . Credit; Loans; Processing thereof
- 40/04 . . . . . Trading; Exchange, e.g. stocks, commodities, derivatives or currency exchange
- 40/06 . . . . . Asset management; Financial planning or analysis
- 40/08 . . . . . Insurance
- 40/10 . . . . . Tax strategies
- 40/12 . . . . . Accounting
- 40/123 . . . . . {Tax preparation or submission}
- 40/125 . . . . . {Finance or payroll}
- 40/128 . . . . . {Check-book balancing, updating or printing arrangements}
- 50/00 Systems or methods specially adapted for specific business sectors, e.g. utilities or tourism ([healthcare informatics G16H](#))**
- 50/01 . . . . . {Social networking}
- 50/02 . . . . . Agriculture; Fishing; Mining
- 50/04 . . . . . Manufacturing
- 50/06 . . . . . Electricity, gas or water supply
- 50/08 . . . . . Construction
- 50/10 . . . . . Services
- 50/12 . . . . . Hotels or restaurants
- 50/14 . . . . . Travel agencies
- 50/16 . . . . . Real estate
- 50/163 . . . . . {Property management}
- 50/165 . . . . . {Land development}
- 50/167 . . . . . {Closing}
- 50/18 . . . . . Legal services; Handling legal documents
- 50/182 . . . . . {Alternative dispute resolution}
- 50/184 . . . . . {Intellectual property management}
- 50/186 . . . . . {Estate planning}
- 50/188 . . . . . {Electronic negotiation}
- 50/20 . . . . . Education
- 50/205 . . . . . {Education administration or guidance}
- 50/2053 . . . . . {Education institution selection, admissions, or financial aid}
- 50/2057 . . . . . {Career enhancement or continuing education service}
- 50/22 . . . . . Social work
- 50/26 . . . . . Government or public services
- 50/265 . . . . . {Personal security, identity or safety}
- 50/28 . . . . . Logistics, e.g. warehousing, loading, distribution or shipping
- 50/30 . . . . . Transportation; Communications
- 50/32 . . . . . Post and telecommunications ([franking apparatus G07B 17/00](#))
- 50/34 . . . . . Betting or bookmaking, e.g. Internet betting
- NOTE**
- When classifying in this group, classification should also be made in group [G07F 17/32](#)
- 90/00 Systems or methods specially adapted for administrative, commercial, financial, managerial or supervisory purposes, not involving significant data processing**

## G06Q

- 90/20 . {Destination assistance within a business structure or complex}
- 90/205 . . {Building evacuation}

### 99/00 Subject matter not provided for in other groups of this subclass

### 2220/00 Business processing using cryptography (postage metering system using cryptography [G06Q 2250/05](#))

- 2220/10 . Usage protection of distributed data files
- 2220/12 . . Usage or charge determination
- 2220/123 . . . involving third party for collecting or distributing payments, e.g. clearinghouse
- 2220/127 . . . Adding plural layers of rights or limitations by other than the original producer
- 2220/14 . . Requiring a supplemental attachment or input, e.g. a dongle, to open
- 2220/145 . . . Specific computer ID, e.g. serial number, configuration
- 2220/16 . . Copy protection or prevention
- 2220/165 . . . Having origin or program ID
- 2220/18 . . Licensing

### 2230/00 Voting or election arrangements

### 2240/00 Transportation facility access, e.g. fares, tolls or parking

### 2250/00 Postage metering systems

- 2250/05 . using cryptography
- 2250/053 . . Reloading or recharging
- 2250/057 . . comprising printing details, e.g. verification of marks
- 2250/10 . Special services or fees, e.g. discounts, surcharges or adjustments
- 2250/20 . Recharging
- 2250/30 . Record keeping
- 2250/40 . Data protection
- 2250/50 . with specific mail handling means
- 2250/60 . involving mailed item weight
- 2250/70 . Specific printing
- 2250/80 . Rate updating
- 2250/90 . Specialized function performed
- 2250/905 . . Display controlling