Search Strategy: Big Data & Energy Efficient Computing

Database searched
Search conducted on 8th May 2014 using Thomson Innovation.

Major CPC subgroups searched

G06F 17/30*#	Digital computing or data processing equipment or methods, specially adapted for specific functions > Information retrieval; Database structure there for
G06F 19/70*#	Digital computing or data processing equipment or methods, specially adapted for specific functions > Chemo-informatics, i.e. data processing methods or systems for the retrieval, analysis, visualisation or storage of physiochemical or structural data of chemical compounds
G06F 19/30*#	Digital computing or data processing equipment or methods, specially adapted for specific functions > Medical informatics, i.e. computer-based analysis or dissemination of patient or disease data
G06F 19/10*#	Digital computing or data processing equipment or methods, specially adapted for specific functions > Bioinformatics, i.e. methods or systems for genetic or protein-related data processing in molecular biology
G06Q 10/063*#	Resources, workflows, human or project management, e.g. organising, planning, scheduling or allocating time, human or machine resources; Enterprise planning; Organisational models > Operations research or analysis
G06Q 30/02*#	Commerce, e.g. shopping or e-commerce > Marketing, e.g. market research and analysis, surveying, promotions, advertising, buyer profiling, customer management or rewards; Price estimation or determination
G06F 17/50*#	Computer aided design
G06N*#	Computer systems based on specific computational models

* Subsidiary subgroups also included
# Combined with selected keywords

Search undertaken using CPC version 2014.02

Major IPC subgroups searched

G06F 17/30*#	Digital computing or data processing equipment or methods, specially adapted for specific functions > Information retrieval; Database structure there for
G06F 19/10*#	Digital computing or data processing equipment or methods, specially adapted for specific functions > Bioinformatics, i.e. methods or systems for genetic or protein-related data processing in molecular biology
G06Q 30/02*#	Commerce, e.g. shopping or e-commerce > Marketing, e.g. market research and analysis, surveying, promotions, advertising, buyer profiling, customer management or rewards; Price estimation or determination
G06F 17/50*#	Computer aided design
G06N*#	Computer systems based on specific computational models

* Subsidiary subgroups also included
\# Combined with selected keywords

Search undertaken using IPC version 2014.01

Example words searched

Big data, open data, data warehouse, hadoop, aster, datameer, fico blaze, hp veritca, platfora, splunk, mapreduce, crowdsourcing, parallel processing/software, distributed processing, cloud based computing, cluster, grid, data mining, simulate, model, analytic, informatic, evidence based, data fusion, tensor

Date limitations applied

Publication years 2004-2013 inclusive.

Notes

Classification schemes change regularly. The terms listed above were correct at the time of searching.

A limited selection of example keywords is listed above but other relevant synonyms were also used. The actual search performed has taken account of differences in wording, for example due to the use of plural form or American/British spellings.

Additional manual cleaning of the extracted data was performed as appropriate.