

CPC COOPERATIVE PATENT CLASSIFICATION

G PHYSICS

(NOTES omitted)

G16 INFORMATION AND COMMUNICATION TECHNOLOGY [ICT] SPECIALLY ADAPTED FOR SPECIFIC APPLICATION FIELDS

(NOTES omitted)

G16C COMPUTATIONAL CHEMISTRY; CHEMOINFORMATICS; COMPUTATIONAL MATERIALS SCIENCE

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|-------|---|-------------------------|--|
| 10/00 | Computational theoretical chemistry, i.e. ICT specially adapted for theoretical aspects of quantum chemistry, molecular mechanics, molecular dynamics or the like

WARNING
Group G16C 10/00 is incomplete pending reclassification of documents from group G16C 99/00 .
Groups G16C 99/00 and G16C 10/00 should be considered in order to perform a complete search. | 20/70
20/80
20/90 | <ul style="list-style-type: none"> . Machine learning, data mining or chemometrics . Data visualisation . Programming languages; Computing architectures; Database systems; Data warehousing |
| 20/00 | Chemoinformatics, i.e. ICT specially adapted for the handling of physicochemical or structural data of chemical particles, elements, compounds or mixtures

WARNING
Groups G16C 20/00 – G16C 20/50 , G16C 20/70 – G16C 20/90 are incomplete pending reclassification of documents from group G16C 99/00 .
All groups listed in this Warning should be considered in order to perform a complete search. | 60/00 | Computational materials science, i.e. ICT specially adapted for investigating the physical or chemical properties of materials or phenomena associated with their design, synthesis, processing, characterisation or utilisation

WARNING
Group G16C 60/00 is incomplete pending reclassification of documents from group G16C 99/00 .
Groups G16C 99/00 and G16C 60/00 should be considered in order to perform a complete search. |
| 20/10 | <ul style="list-style-type: none"> . Analysis or design of chemical reactions, syntheses or processes | 99/00 | Subject matter not provided for in other groups of this subclass

WARNING
Group G16C 99/00 is impacted by reclassification into groups G16C 10/00 , G16C 20/00 , G16C 20/10 , G16C 20/20 , G16C 20/30 , G16C 20/40 , G16C 20/50 , G16C 20/60 , G16C 20/62 , G16C 20/64 , G16C 20/70 , G16C 20/80 , G16C 20/90 , and G16C 60/00 .
All groups listed in this Warning should be considered in order to perform a complete search. |
| 20/20 | <ul style="list-style-type: none"> . Identification of molecular entities, parts thereof or of chemical compositions | | |
| 20/30 | <ul style="list-style-type: none"> . Prediction of properties of chemical compounds, compositions or mixtures | | |
| 20/40 | <ul style="list-style-type: none"> . Searching chemical structures or physicochemical data | | |
| 20/50 | <ul style="list-style-type: none"> . Molecular design, e.g. of drugs | | |
| 20/60 | <ul style="list-style-type: none"> . <u>In silico</u> combinatorial chemistry WARNING
Group G16C 20/60 is incomplete pending reclassification of documents from group G16C 99/00 .
Group G16C 20/60 is also impacted by reclassification into groups G16C 20/62 and G16C 20/64 .
All groups listed in this Warning should be considered in order to perform a complete search. | | |
| 20/62 | <ul style="list-style-type: none"> . . Design of libraries | | |
| 20/64 | <ul style="list-style-type: none"> . . Screening of libraries | | |