

CPC COOPERATIVE PATENT CLASSIFICATION

B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

MICROSTRUCTURAL TECHNOLOGY; NANOTECHNOLOGY

B82 NANOTECHNOLOGY

B82Y SPECIFIC USES OR APPLICATIONS OF NANOSTRUCTURES; MEASUREMENT OR ANALYSIS OF NANOSTRUCTURES; MANUFACTURE OR TREATMENT OF NANOSTRUCTURES

NOTES

1. This subclass is for obligatory secondary classification in the sense of paragraph 107bis of the Guide to the IPC. Therefore, the classification symbols of this subclass are not listed first when assigned to patent documents. Secondary classification symbols may be assigned for either invention information or additional information, as appropriate.
2. This subclass covers applications and aspects of nanostructures which are produced by any method, and is not restricted to those that are formed by manipulation of individual atoms or molecules.
3. This subclass is intended to enable a comprehensive search of subject matter related to nanostructures by combination of classification symbols of this subclass with classification symbols from other subclasses. Therefore, this subclass covers aspects of nanostructures that might also be entirely or partially covered elsewhere in the CPC.

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| 5/00 | Nanobiotechnology or nanomedicine, e.g. protein engineering or drug delivery |
| 10/00 | Nanotechnology for information processing, storage or transmission, e.g. quantum computing or single electron logic |
| 15/00 | Nanotechnology for interacting, sensing or actuating, e.g. quantum dots as markers in protein assays or molecular motors |
| 20/00 | Nanooptics, e.g. quantum optics or photonic crystals |
| 25/00 | Nanomagnetism, e.g. magnetoimpedance, anisotropic magnetoresistance, giant magnetoresistance or tunneling magnetoresistance |
| 30/00 | Nanotechnology for materials or surface science, e.g. nanocomposites |
| 35/00 | Methods or apparatus for measurement or analysis of nanostructures |
| 40/00 | Manufacture or treatment of nanostructures |
| 99/00 | Subject matter not provided for in other groups of this subclass |