

B82 NANO-TECHNOLOGY [7]**B82B NANO-STRUCTURES; MANUFACTURE OR TREATMENT THEREOF [7]**

- (1) This subclass does not cover chemical or biological structures per se, specifically provided for elsewhere, e.g. in classes C08 or C12. [7]
- (2) In this subclass, the following term is used with the meaning indicated: [7]
 "Nano-structure" means an atomically precise arrangement of matter having particularly shaped configuration including at least one essential integral element that: [7]
 - (i) is formed solely from an atom, a molecule or an extremely limited collection of atoms or molecules, which collection in its entirety is undetectable by an optical microscope; and [7]
 - (ii) has been formed by having its atoms or molecules individually manipulated as discrete units during its manufacture. [7]
- (3) Nano-structures having specialised features directly related to their size, defined in Note (2), are classified in this subclass regardless of method of manufacture. However, these structures are also classified in appropriate places provided for their structural or functional features, if such features are of interest. [7]

1/00 Nano-structures [7]
3/00 Manufacture or treatment of nano-structures [7]