

ECLA**EUROPEAN CLASSIFICATION****B82B**

NANO-STRUCTURES FORMED BY MANIPULATION OF INDIVIDUAL ATOMS, MOLECULES, OR LIMITED COLLECTIONS OF ATOMS OR MOLECULES AS DISCRETE UNITS; MANUFACTURE OR TREATMENT THEREOF [C1012]

[N: [Notes](#) [C1012]

]

B82B1/00

Nano-structures formed by manipulation of individual atoms or molecules, or limited collections of atoms or molecules as discrete units [N9803] [C1012]

B82B1/00B

. [N: Devices without movable or flexible elements] [N1208]

B82B1/00E

. [N: Devices comprising flexible or deformable elements] [N1208]

B82B1/00G

. [N: Devices comprising elements which are movable in relation to each other, e.g. slidable or rotatable] [N1208]

B82B1/00K

. [N: Constitution or structural means for improving the physical properties of a device] [N1208]

B82B1/00L

. [N: Controlling the movement of the flexible or movable, e.g. slidable or rotatable, elements] [N1208]

B82B1/00M

. [N: Processes for preserving or protecting existing structures] [N1204]

B82B1/00Z

. [N: Nano-structures not provided for in groups [B82B1/00B](#) to [B82B1/00M](#)] [N1208]

B82B3/00

Manufacture or treatment of nano-structures by manipulation of individual atoms or molecules, or limited collections of atoms or molecules as discrete units [N9803] [C1012]

B82B3/00A

. [N: Apparatus specially adapted for the manufacture or treatment of nano-structural devices or systems or methods for manufacturing the same] [N1204]

B82B3/00C

. [N: Forming specific nano-structures] [N1204]

B82B3/00C2

. . [N: Array or network of similar nano-structural elements] [N1204]

B82B3/00C4

. . [N: without movable or flexible elements] [N1204]

B82B3/00C6

. . [N: comprising flexible or deformable elements] [N1204]

B82B3/00C8

. . [N: comprising elements which are movable in relation to each other, e.g. slidable or rotatable] [N1204]

B82B3/00C20

. . [N: Manufacture or treatment of substrate-free structures, i.e. not connected to any support] [N1204]

B82B3/00C99

. . [N: Manufacturing processes for forming specific nano-structures not provided for in groups [B82B3/00C2](#) to [B82B3/00C20](#)] [N1204]

B82B3/00H

. [N: Assembling discrete nano-structures into nano-structural devices] [N1204]

- B82B3/00H2 . . [N: Bonding two or more elements] [N1204]
- B82B3/00H4 . . [N: Aligning two or more elements] [N1204]
- B82B3/00H99 . . [N: Processes for assembling discrete nano-structures not provided for in groups B82B3/00H2 to B82B3/00H4] [N1204]

- B82B3/00M . [N: Methods for manipulating nanostructures] [N1204]
- B82B3/00M2 . . [N: Orienting nanostructures] [N1204]
- B82B3/00M4 . . [N: Sorting nanostructures] [N1204]
- B82B3/00M99 . . [N: Methods for manipulating nanostructures not provided for in groups B82B3/00M2 to B82B3/00M4] [N1204]

- B82B3/00P . [N: Processes for improving the physical properties of a device] [N1204]

- B82B3/00T . [N: Testing nano-structures] [N1204]

- B82B3/00V . [N: Characterizing nano-structures, i.e. measuring and identifying electrical or mechanical constants] [N1204]

- B82B3/00Z . [N: Manufacture or treatments or nano-structures not provided for in groups B82B3/00C to B82B3/00V] [N1204]