

SECTION B — PERFORMING OPERATIONS; TRANSPORTING

B81 MICROSTRUCTURAL TECHNOLOGY

B81B MICROSTRUCTURAL DEVICES OR SYSTEMS, e.g. MICROMECHANICAL DEVICES (piezoelectric, electrostrictive or magnetostrictive elements per se H10N 30/00, H10N 35/00) [7]

Note(s) [7]

1. This subclass does not cover:
 - purely electrical or electronic devices per se which are covered by section H, e.g. subclass H01L or class H10;
 - purely optical devices per se which are covered by subclasses G02B or G02F;
 - essentially two-dimensional structures, e.g. layered products which are covered by subclass B32B;
 - chemical or biological structures per se which are covered by section C;
 - structures in atomic scale produced by manipulation of single atoms or molecules, which are covered by group B82B 1/00.
2. Devices or systems classified in this subclass are also classified in appropriate subclasses providing for their structural or functional features, if such features are of interest.

1/00 Devices without movable or flexible elements, e.g. microcapillary devices [7, 2006.01]

3/00 Devices comprising flexible or deformable elements, e.g. comprising elastic tongues or membranes (B81B 5/00 takes precedence) [7, 2006.01]

5/00 Devices comprising elements which are movable in relation to each other, e.g. comprising slidable or rotatable elements [7, 2006.01]

7/00 Microstructural systems [7, 2006.01]

- 7/02** • containing distinct electrical or optical devices of particular relevance for their function, e.g. microelectro-mechanical systems [MEMS] (B81B 7/04 takes precedence) [7, 2006.01]
- 7/04** • Networks or arrays of similar microstructural devices [7, 2006.01]