

# CPC COOPERATIVE PATENT CLASSIFICATION

## B PERFORMING OPERATIONS; TRANSPORTING

(NOTES omitted)

### SHAPING

## B33 ADDITIVE MANUFACTURING TECHNOLOGY

### B33Y ADDITIVE MANUFACTURING, i.e. MANUFACTURING OF THREE-DIMENSIONAL [3-D] OBJECTS BY ADDITIVE DEPOSITION, ADDITIVE AGGLOMERATION OR ADDITIVE LAYERING, e.g. BY 3-D PRINTING, STEREOLITHOGRAPHY OR SELECTIVE LASER SINTERING

#### NOTES

1. This subclass covers additive manufacturing, irrespective of the process or material used.
2. This subclass is intended to enable a comprehensive search of subject matter related to additive manufacturing by combination of classification symbols of this subclass with classification symbols from other subclasses. Therefore this subclass covers aspects of additive manufacturing (e.g. 3D printing) that might also be entirely or partially covered elsewhere in CPC.
3. This subclass is for obligatory supplementary classification of subject matter already classified as such in other classification places, when the subject matter contains an aspect of additive manufacturing.
4. The classification symbols of this subclass are not listed first when assigned to patent documents.

10/00 Processes of additive manufacturing

30/00 Apparatus for additive manufacturing; Details thereof or accessories therefor

40/00 Auxiliary operations or equipment, e.g. for material handling

#### WARNING

Group [B33Y 40/00](#) is impacted by reclassification into groups [B33Y 40/10](#) and [B33Y 40/20](#).

Groups [B33Y 40/00](#), [B33Y 40/10](#), and [B33Y 40/20](#) should be considered in order to perform a complete search.

40/10 . Pre-treatment

#### WARNING

Group [B33Y 40/10](#) is incomplete pending reclassification of documents from group [B33Y 40/00](#).

Groups [B33Y 40/00](#) and [B33Y 40/10](#) should be considered in order to perform a complete search.

40/20 . Post-treatment, e.g. curing, coating or polishing

#### WARNING

Group [B33Y 40/20](#) is incomplete pending reclassification of documents from group [B33Y 40/00](#).

Groups [B33Y 40/00](#) and [B33Y 40/20](#) should be considered in order to perform a complete search.

50/00 Data acquisition or data processing for additive manufacturing

50/02 . for controlling or regulating additive manufacturing processes

70/00 Materials specially adapted for additive manufacturing

#### WARNING

Group [B33Y 70/00](#) is impacted by reclassification into group [B33Y 70/10](#).

Groups [B33Y 70/00](#) and [B33Y 70/10](#) should be considered in order to perform a complete search.

70/10 . Composites of different types of material, e.g. mixtures of ceramics and polymers or mixtures of metals and biomaterials

#### WARNING

Group [B33Y 70/10](#) is incomplete pending reclassification of documents from group [B33Y 70/00](#).

Groups [B33Y 70/00](#) and [B33Y 70/10](#) should be considered in order to perform a complete search.

80/00 Products made by additive manufacturing

99/00 Subject matter not provided for in other groups of this subclass