

# Search Strategy: 3D printing

## Database searched

Search conducted between August 2013 and October 2013 using Thomson Innovation.

## Major CPC subgroups searched

B29C67/0051*	Rapid manufacturing and prototyping of 3D objects by additive depositing, agglomerating or laminating of plastics material, e.g. by stereolithography or selective laser sintering
B22F3/1055*	Selective sintering, i.e. stereolithography
B23K9/04*	Welding for other purposes than joining, e.g. built-up welding
B23K10/027	Plasma welding for purposes other than joining, e.g. build-up welding
B23K11/0013	Resistance welding for purposes other than joining, e.g. build-up welding
B23K15/0086	Electron-beam welding for purposes other than joining, e.g. build-up welding
B23K20/1215	Non-electric friction welding for purposes other than joining, e.g. build-up welding
B23K25/005	Slag welding for purposes other than joining, e.g. build-up welding
B23K26/34*	Laser welding for purposes other than joining
C08L101/00*	Compositions of unspecified macromolecular compounds
B22F*	Working metallic powder

\*Subsidiary subgroups also included

Search undertaken using CPC version 2013.01

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## **Example words searched**

additive manufacturing, additive fabrication, 3D printing, 3D manufacturing, 3D fabrication, rapid prototyping, rapid manufacturing, selective laser deposition, selective laser manufacturing, laminate object manufacturing, fuse deposition model.

## **Date limitations applied**

Priority years 1980-2013 inclusive.

## **Notes**

Classification schemes change regularly. The terms listed above were correct at the time of searching.

A limited selection of example keywords is listed above but other relevant synonyms were also used. The actual search performed has taken account of differences in wording, for example due to the use of plural form or American/British spellings.

Additional manual cleaning of the extracted data was performed as appropriate.