

PATENT ANALYSIS ON 3D PRINTING



July 2023

Contents of this report

Introduction

Technology at a Glance

Technology Summary

Family Analysis

- Growth of patent family
- Growth of patent family by Jurisdiction
- Top players (holding active patents)
- Top players by jurisdiction
- Top technologies
- Top technologies by jurisdiction

Technology Trend

- Top Players with Top forward citation
- Key patents
- Key patents in recent 5 years
- Emerging Technologies

Competitor Analysis

- Applicants of Key patents
- Applicants of Top technologies
- Portfolio
- Emerging Companies

Technology Analysis

- Topic modeling
- Topic Modeling by year
- Topic trend
- Clustering

Hand in Hand with Explorers



STIMAnalytics.net

Select Your Favorite Package

Silver

- Search task
- AI-Powered Analysis
- Bibliographic analysis
- Standardized report
- Access to individual patent documents
- PDF, Slide and Excel

Gold

- Silver package
- +In depth analysis
- In depth communication
- +Classification
- +Individualized report
- +Expert Full-Review

Premium

- Gold package
- +Analysis workshop
- +Data Presentation Dashboard (full data access)

Publication Summary

Number of publications

13268

Publication Type (N. of Patents)

Active (5609)
Expired (29)
Pending (4214)
Inactive (1868)
Discontinued (1523)
Unknown (25)

Peak Year (N. of Patents)

2018 (2200)
2019 (1797)
2021 (1793)
2022 (1756)
2020 (1658)

Top Applicants (N. of Patents)

HEWLETT PACKARD DEVELOPMENT
CO (474)
SIGNIFY HOLDING BV (134)
XEROX CORP (103)

**Top Jurisdiction
(N. of Active Patents)**

CN (5537)

3D PRINTING Technology at a Glance

Top Publication Year(Number of Patents)	2018: 2200
Top Jurisdiction (Number of Patents)	CN :5537
Top Technologies by Class (Number of Patents)	B33 :Additive manufacturing technology (6873)
Top Technolgies by Sub-Class (Number of patents)	B33YAdditive manufacturing, i.E. Manufacturing of three-dimensional [3d] objects by additive deposition, additive agglomeration or additive layering, e.G. By 3d printing, stereolithography or selective laser sintering (6873)
Top Technologies by Main_Group (Number of patents)	B29C64: Additive manufacturing, i.e. manufacturing of three-dimensional [3D] objects by additive deposition, additive agglomeration or additive layering, e.g. by 3D printing, stereolithography or selective laser sintering (4238)
Top Technologies by Sub_Group (Number of patents)	B33Y50/02: for controlling or regulating additive manufacturing processes (1137)

If consider an IPC for a patent like C08L23/12

C08: Class

C08L: Sub-Class

C08L23: Main-Group

C08L23/12: Sub-Group

Family analysis

- Growth of patent family
- Growth of patent family by Jurisdiction
- Top players by jurisdiction
- Top technologies
- Top technologies by jurisdiction

Trend Analysis

- Top Players with Top forward citation
- Key patents
- Key patents in recent 5 years
- Emerging Technologies

Competitor Analysis

- Applicants of Key patents
- Applicants of Top technologies
- Portfolio
- Pioneer Companies in 5 Recent Years

Technology Analysis

- Topic modeling
- Topic Modeling by year
- Topic trend
- Clustering

Disclaimer

This document is provided for information purposes only and the contents hereof are subject to change without notice. This document, including the information and analysis and any opinion or recommendation, is neither legal advice nor intended for investment purposes. This document is not warranted to be error-free, nor subject to any other warranties or conditions, whether expressed orally or implied in law, including implied warranties and conditions of merchantability or fitness for a particular purpose. STIMAnalytics Inc. specifically disclaims any liability with respect to this document and no contractual obligations are formed either directly or indirectly by this document.

Thanks

Do you have any questions?

Services@stimanalytics.net

STIMAnalytics.net



CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**