

# TREND REPORT



## Snapshot 2023: global patent volume developments

DECEMBER 2023

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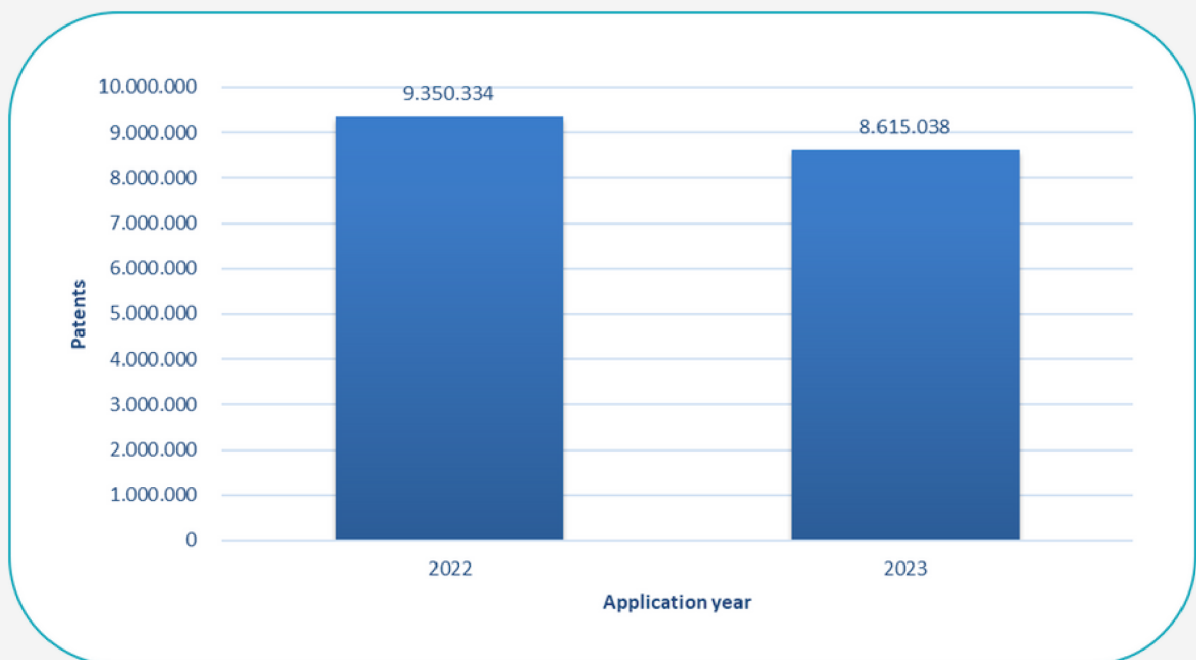
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# Introduction

In the just past year 2023, patent offices around the world have published a large number of patents. This report will reveal the specific manifestations of the patent types, origin, and technical themes (Data as of December 31, 2023).

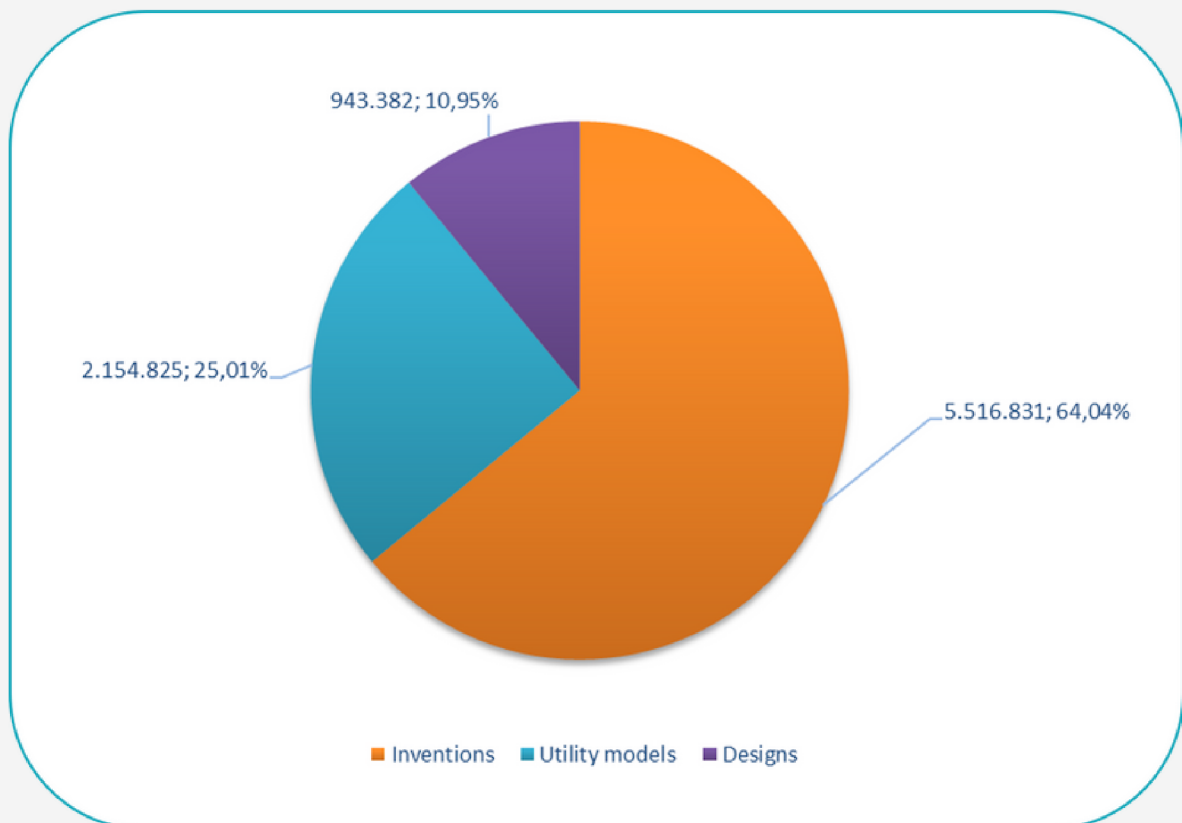
# Part 1: General information

The total number of globally published patents in 2023 was 8,615,038, a decrease compared to 2022 (as shown in [Figure 1](#)).



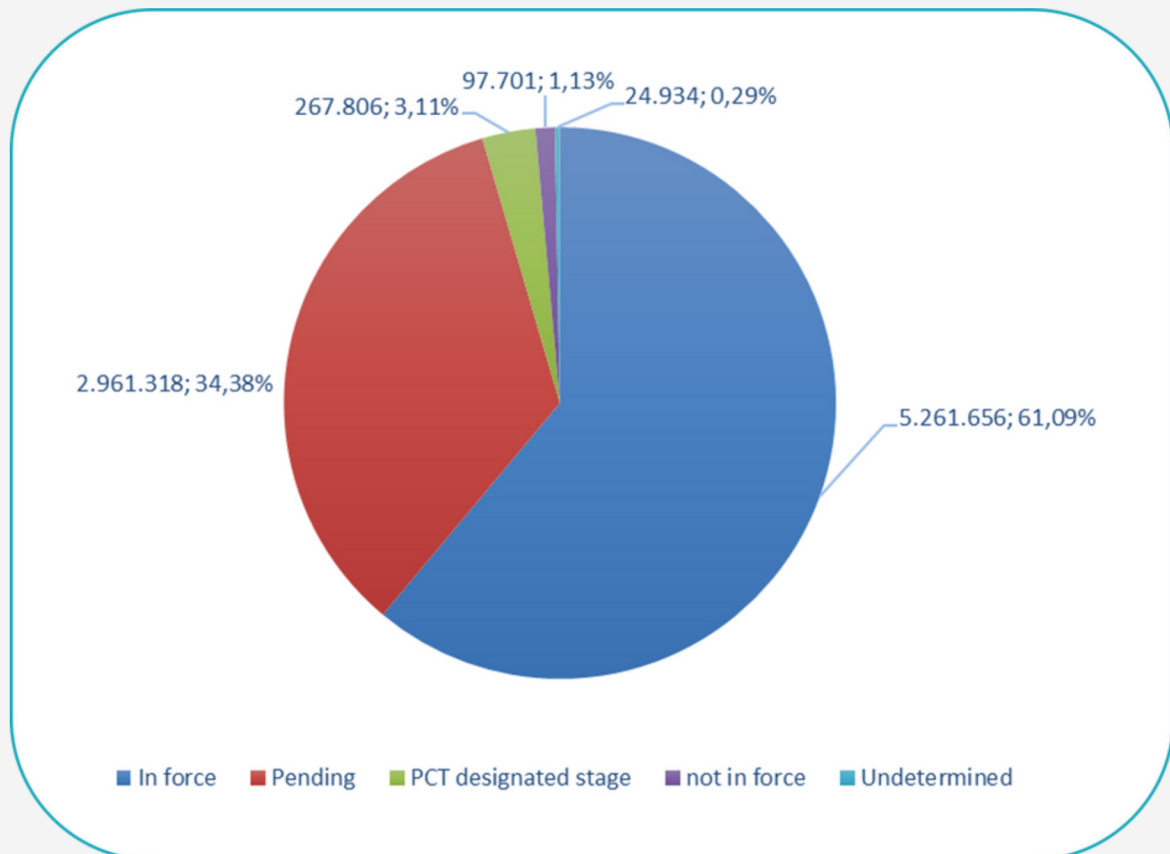
**Figure 1 Global patent publication volume from 2022 to 2023**

Among the patents published in 2023, invention patents accounted for 64.04%, while the proportion of utility model and design patents was lower (as shown in [Figure 2](#)).



**Figure 2 Patent types**

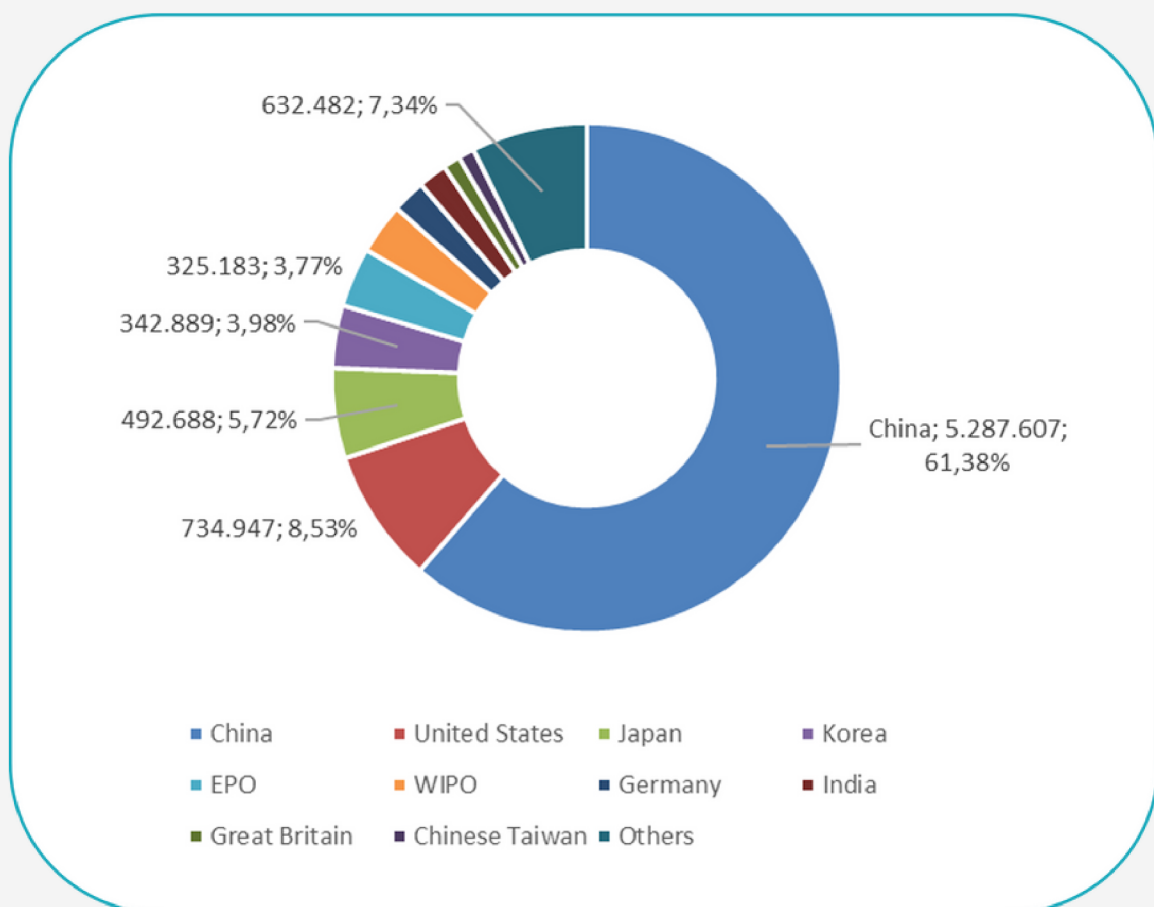
So far, 61.09% of the patents published in 2023 have passed the examination and been granted, reflecting the high examination efficiency of major patent offices at present (as shown in [Figure 3](#)).



**Figure 3** Legal status

# Part 2: Geographic Territories

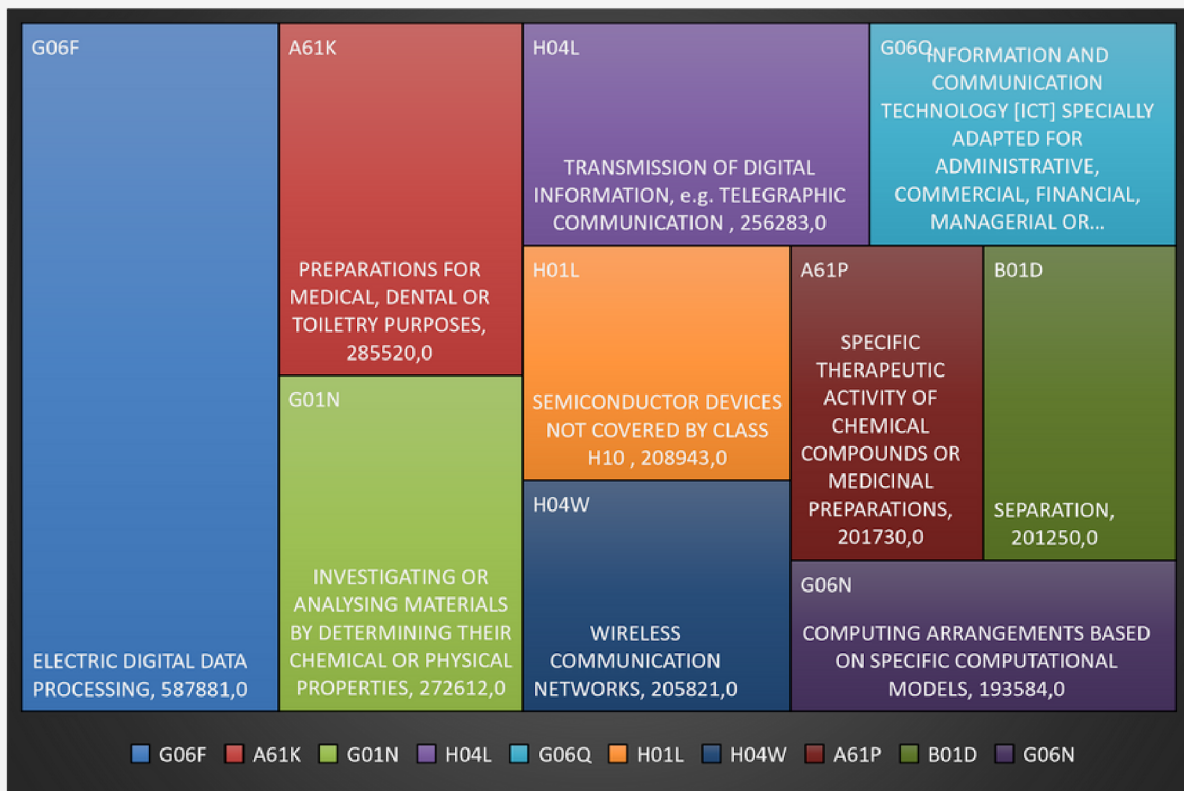
In terms of the volume of patent publications, China had the highest volume of patents published in 2023, accounting for 61.38% of the total volume, followed by the United States and Japan (as shown in [Figure 4](#)). Meanwhile, the five major intellectual property offices (IP5) accounted for 83.38% of the total volume.



**Figure 4** TOP patent offices

# Part 3: Key Technologies

In the past year, the volume of published patents for Electronic Digital Data Processing (IPC: G06F) has been the highest, far exceeding other technical fields, indicating that this field has received high attention from many applicants (as shown in [Figure 5](#)).

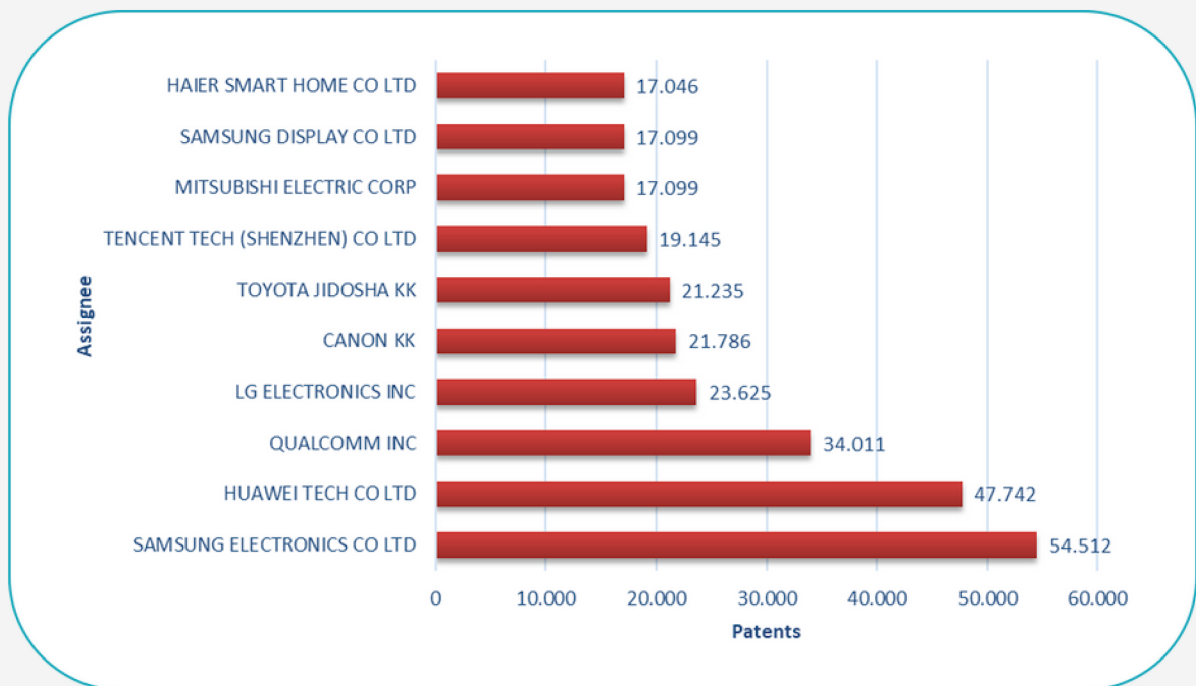


**Figure 5** The top 10 IPC classification numbers



# Part 4: Standardized Current Assignees

Analyzing the applicants with the highest volume of published patents, it can be found that Samsung Electronics had the highest volume of patents published last year, followed by Huawei. Meanwhile, the top ten applicants, apart from Qualcomm, are all from Japan, South Korea, and China (as shown in [Figure 6](#)).



**Figure 6** The top 10 standardized current assignees

# Conclusion

The volume of globally published patents in 2023 has decreased compared to 2022, but the volume remains very large. These patented technologies mainly come from IP5, and large technology companies such as Samsung and Huawei have contributed a lot of patented technologies.

Note: All numbers used and statements made in this report are indicative and for information purposes only. No warranty or liability is given nor accepted for anything published in this report.

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