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**BIWEEKLY  
REPORT**

**PATENT PUBLICATION  
VOLUME  
DEVELOPMENT  
BRAZIL**

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DECEMBER 2022

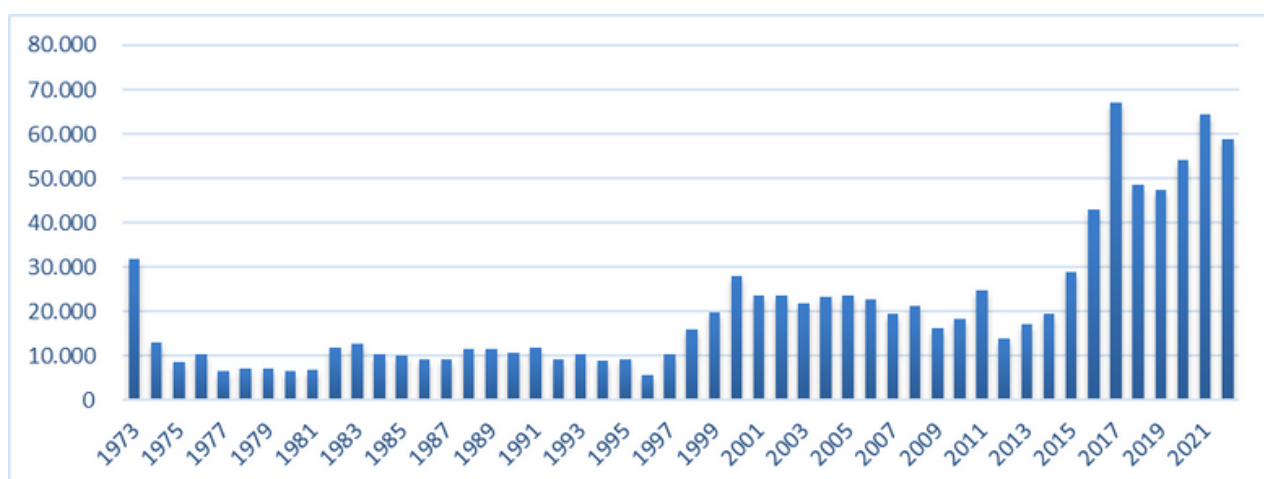
# INTRODUCTION

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In the previous analysis report on patent trends in South America, we found that Brazil has the largest number of patents in South America, and far exceeds other countries. In view of Brazil's important position in the South American patent system, this report will analyze the development of Brazilian patents.

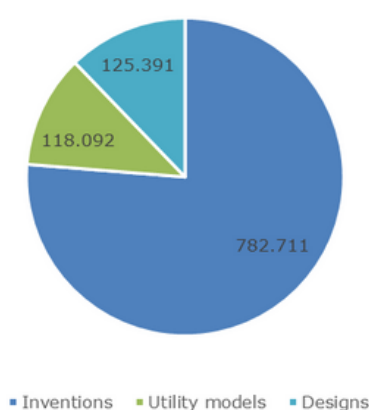
# GENERAL INFORMATION

Since 2012, the number of patents published annually in Brazil has maintained an overall growth trend, among which the number of patents published in 2017 was the largest, reaching 66,952. In the following years, although the number decreased slightly, it has basically remained above 50,000 (as shown in **Figure 1**).



**Figure 1 Patent publication trend of Brazil**

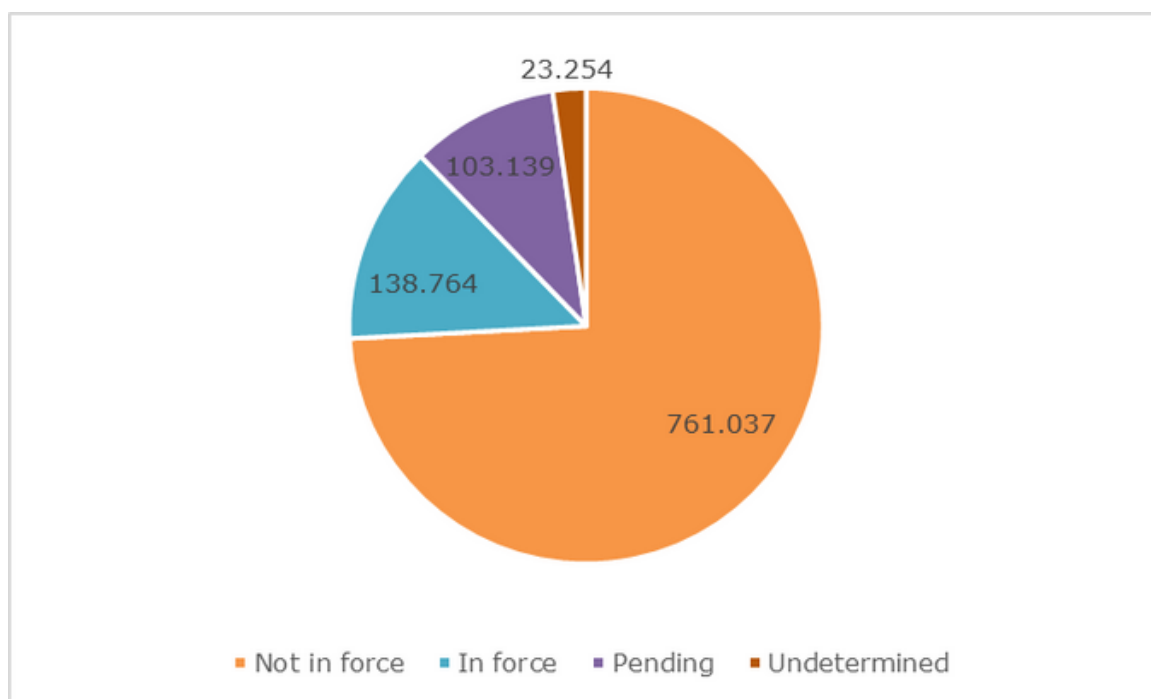
Among the patents published in Brazil, there are 782,711 invention patents, accounting for 76.3%. The number of utility models and designs is similar, accounting for about 12% (as shown in **Figure 2**).



**Figure 2 Types of patents published by Brazil**

## GENERAL INFORMATION

From the perspective of patent legal status, most patents published in Brazil are not in force, and the number of patents in force protection only accounts for 13.5% of the total number of patents. In addition, more than 10% of patents in Brazil are pending, reflecting that the local patent examine efficiency needs to be further improved (as shown in **Figure 3**).



**Figure 3** Legal status of patents published by Brazil

# GEOGRAPHIC TERRITORIES

Brazil's patents are mainly from the mainland, accounting for nearly 40%. At the same time, the United States has also distributed a large volume of patents in Brazil, accounting for 27% of the total number of Brazilian open patents (as shown in **Figure 4**).

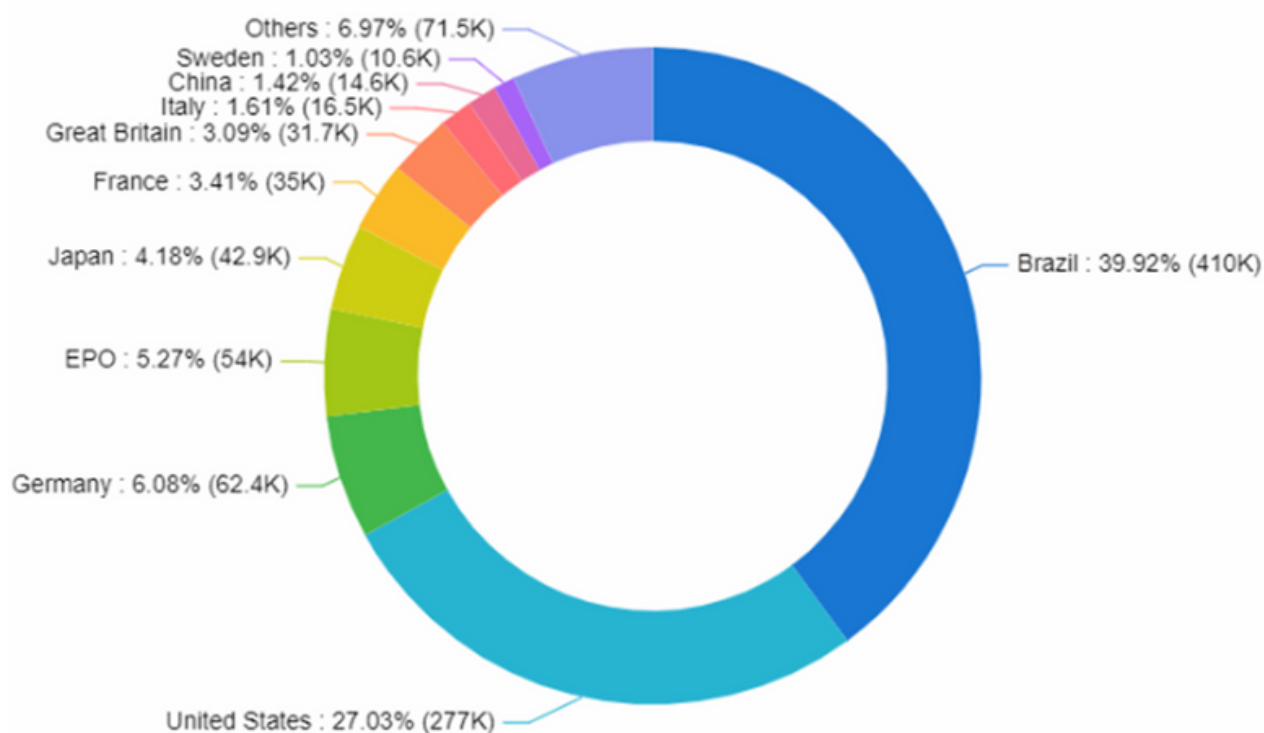


Figure 4 Top countries of origin

## GEOGRAPHIC TERRITORIES

Further analysis shows that Brazil and the United States have almost the same volume of patents in the last two decades, reflecting that American applicants have always attached great importance to the Brazilian market (as shown in **Figure 5**).

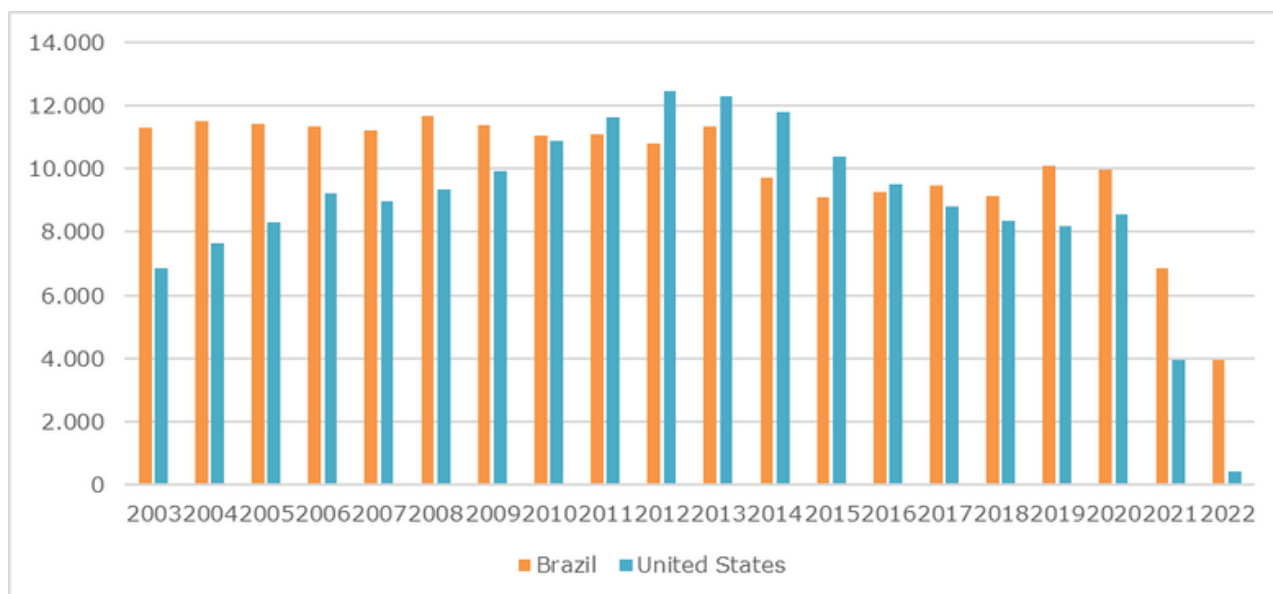


Figure 5 Patent application trend of top countries

# KEY TECHNOLOGIES

By analyzing the key technical fields of Brazil's patents, it can be found that patents related to medicine have received the highest attention, while patents related to compounds have also received high attention (as shown in **Figure 6**).

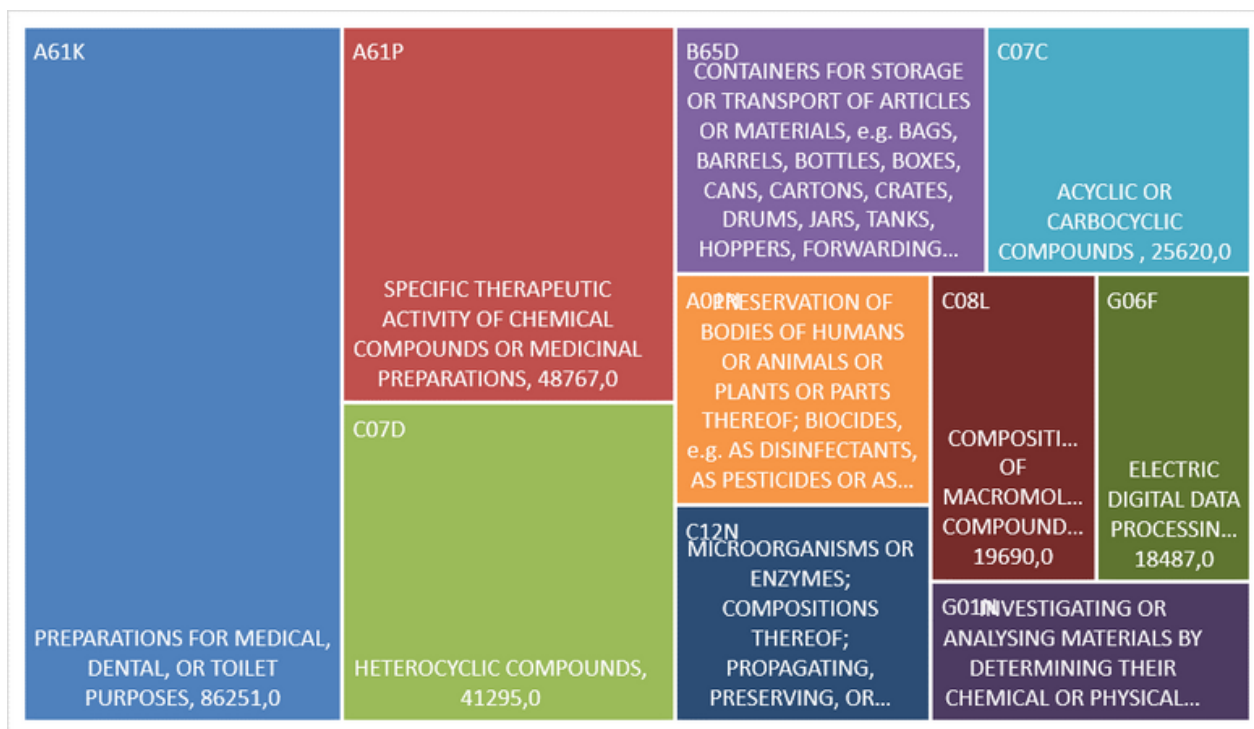
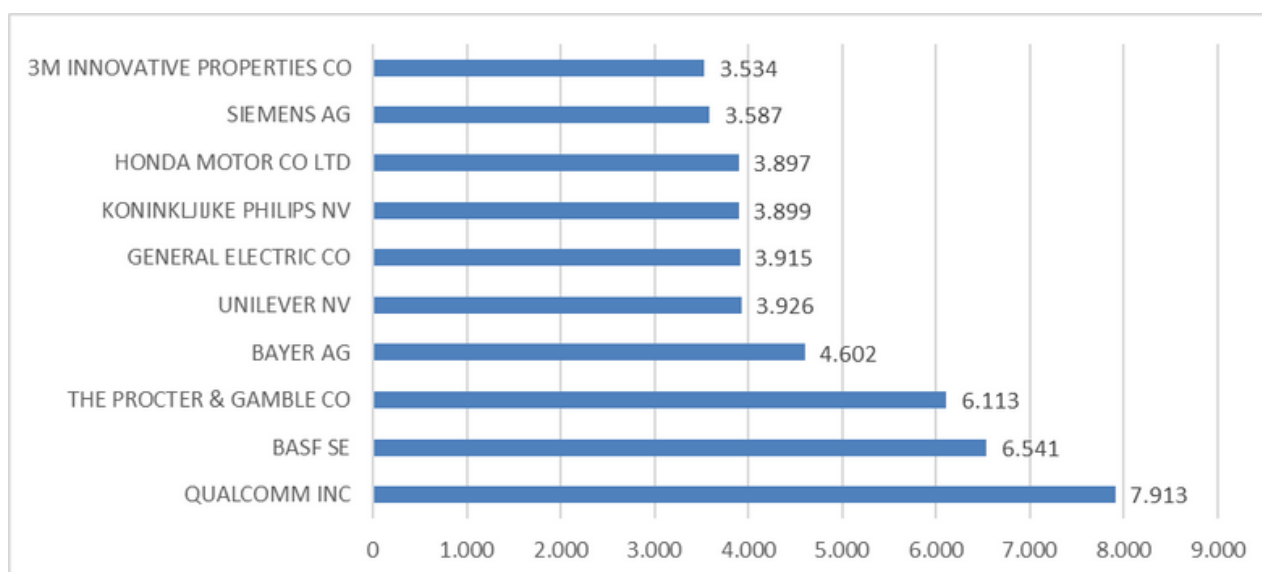


Figure 6 The top 10 IPC classification numbers

## STANDARDIZED CURRENT ASSIGNEES

In terms of major applicants, Qualcomm has the largest volume of patents applied in Brazil, followed by BASF and P&G. At the same time, it can be found that the top 10 companies in Brazil are all from other countries, including the United States, Germany, the Netherlands, Japan, etc. (as shown in **Figure 7**).



**Figure 7 The top 10 standardized current assignees**

# CONCLUSION

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Brazil is the most developed country in South America, and also the country with the most perfect intellectual property system. At present, the market position of Brazil has attracted the attention of many multinational companies, which will certainly promote more and more applicants to distribute patents in Brazil in the future.

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