

BIWEEKLY REPORT



Patent publication volume development The Netherlands

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Introduction

The Netherlands is one of the most industrialized countries in the world. In the past year, the Netherlands has created a GDP of nearly 1 trillion Euros with a population of over 17 million. Behind the strong industrial strength is the support of patented technology, so it is necessary to analyze the development of patents in the Netherlands.

Part 1: General information

By 2022, the Netherlands had published a total of 598,402 patents, all of which were invention patents. Through statistical analysis of the trend of patent publication in the Netherlands, it is found that in the past 20 years, the volume of patents published in the Netherlands has remained relatively stable, and compared to the 1970s, the volume of patents published has significantly decreased (as shown in [Figure 1](#)).

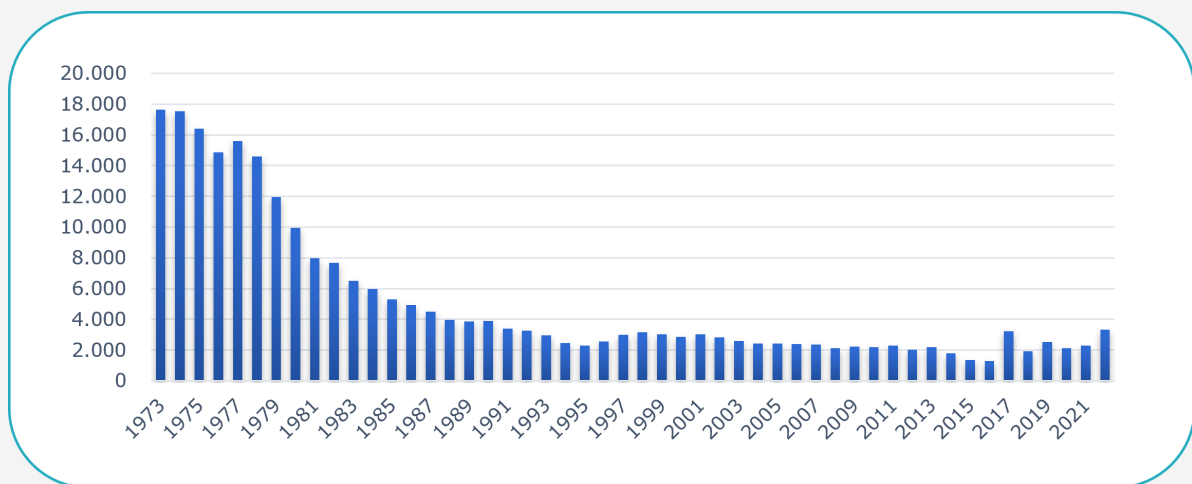


Figure 1 Patent publication trend of the Netherlands

Although the volume of patents published is not large, the patent granted rate in the Netherlands is very high. In the past 20 years, the patent granted rate in the Netherlands has almost always maintained at over 90%. This reflects the high degree of technological innovation of Dutch patents (as shown in [Figure 2](#)).

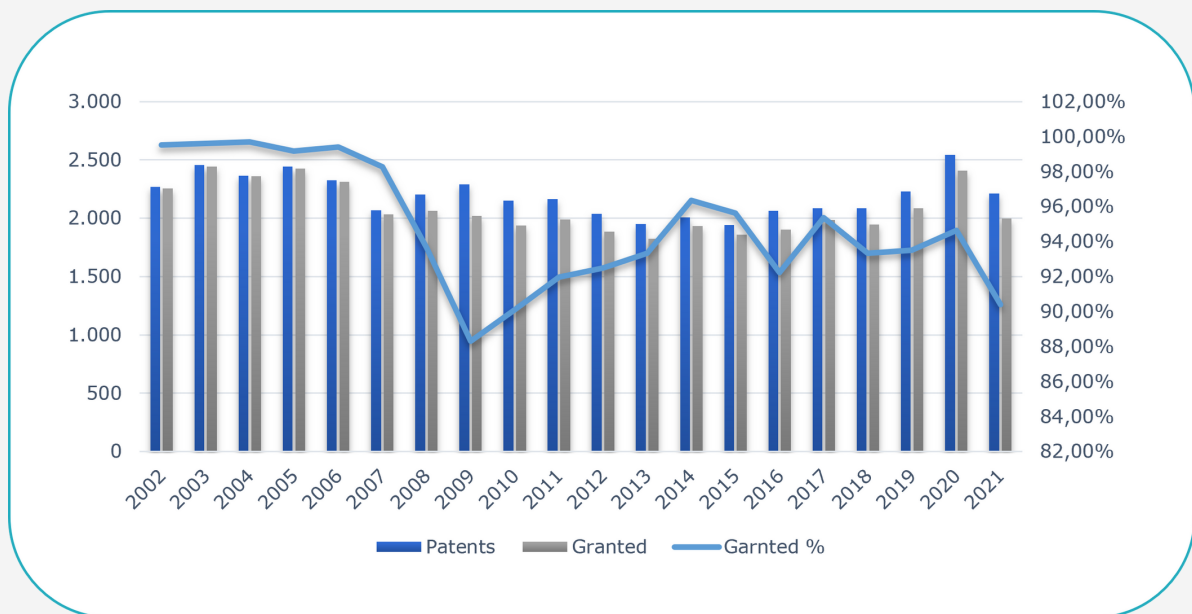


Figure 2 Patent granted trend of the Netherlands

Part 2: Geographic Territories

The Netherlands's patents are mainly from the mainland, accounting for nearly 49.85%. At the same time, the United States and Germany also account for a high proportion of patents published in the Netherlands, with 14.84% and 13.08% respectively (as shown in [Figure 3](#)).

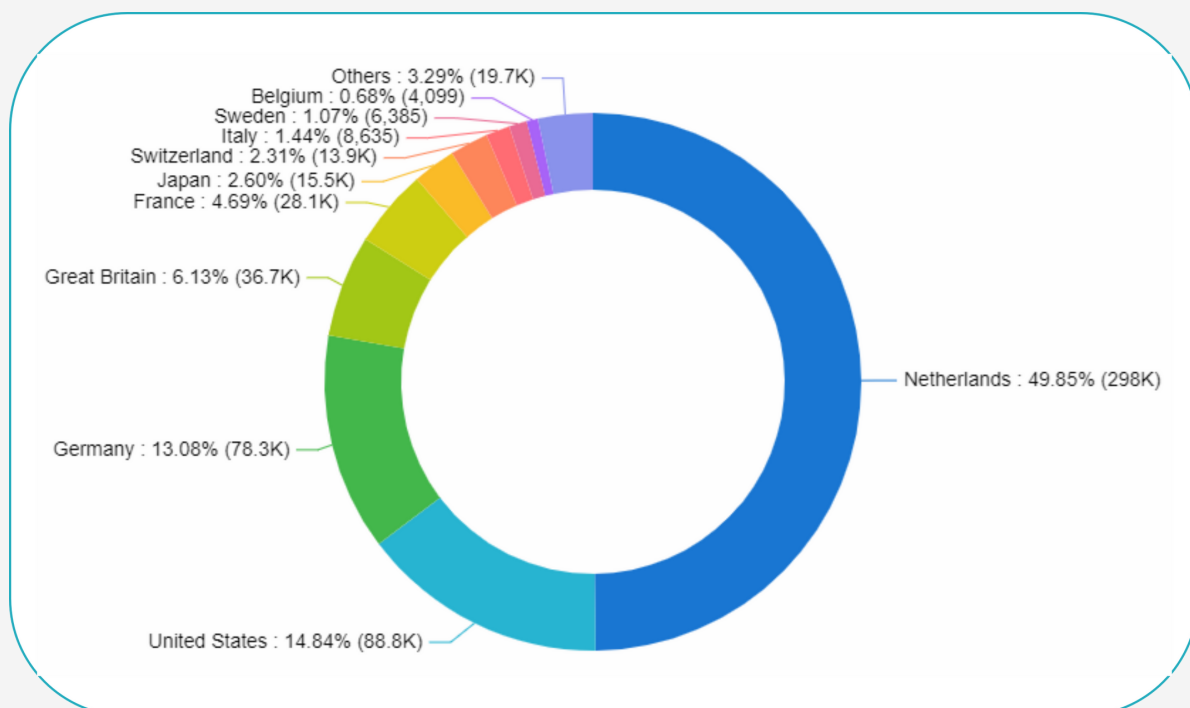


Figure 3 Top countries of origin

Further analysis shows that over the past two decades, the volume of patents filed from the United States has decreased to a certain extent, while the volume of patents filed by China in the Netherlands has increased in recent years (as shown in [Figure 4](#)).

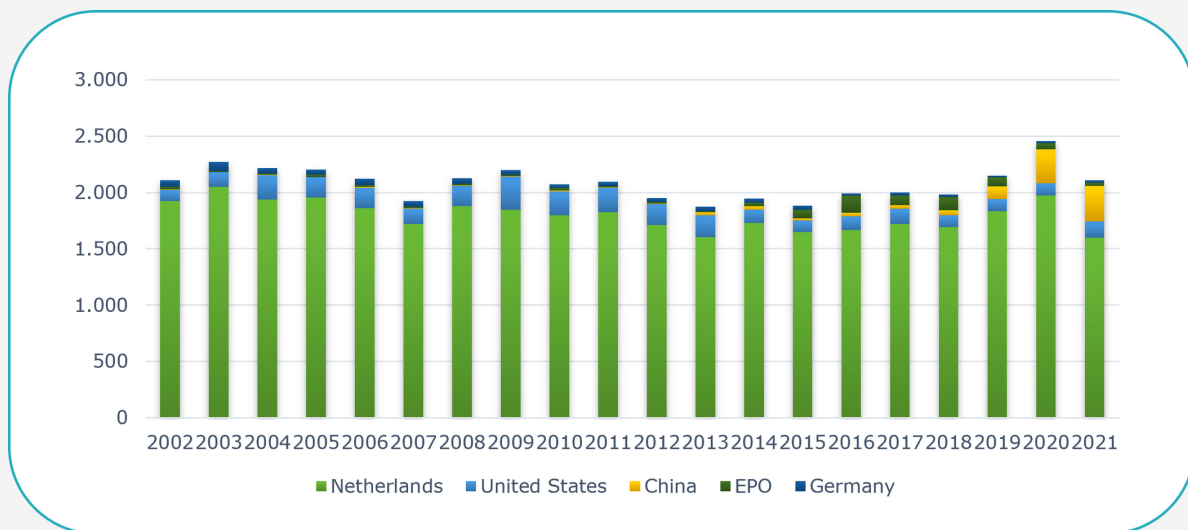


Figure 4 Patent application trend of top countries

Part 3: Key Technologies

By analyzing the key technical fields of the Netherlands's patents, it can be found that patents related to compounds and their preparation have received the highest attention, while patents related to medicine have also received high attention (as shown in [Figure 5](#)).

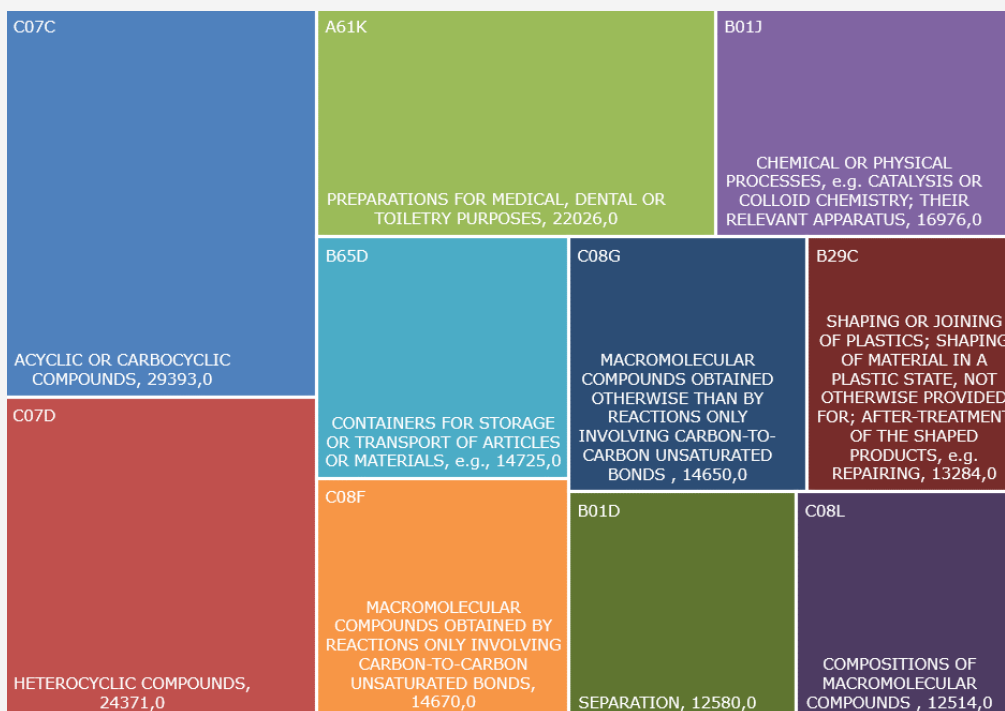


Figure 5 The top 10 IPC classification numbers

Part 4: Standardized Current Assignees

In terms of major applicants, PHILIPS has the largest volume of patents applied in the Netherlands, followed by SIEMENS and BAYER. At the same time, it can be found that the top 10 companies in the Netherlands are mainly from the mainland and the United States (as shown in [Figure 6](#)).

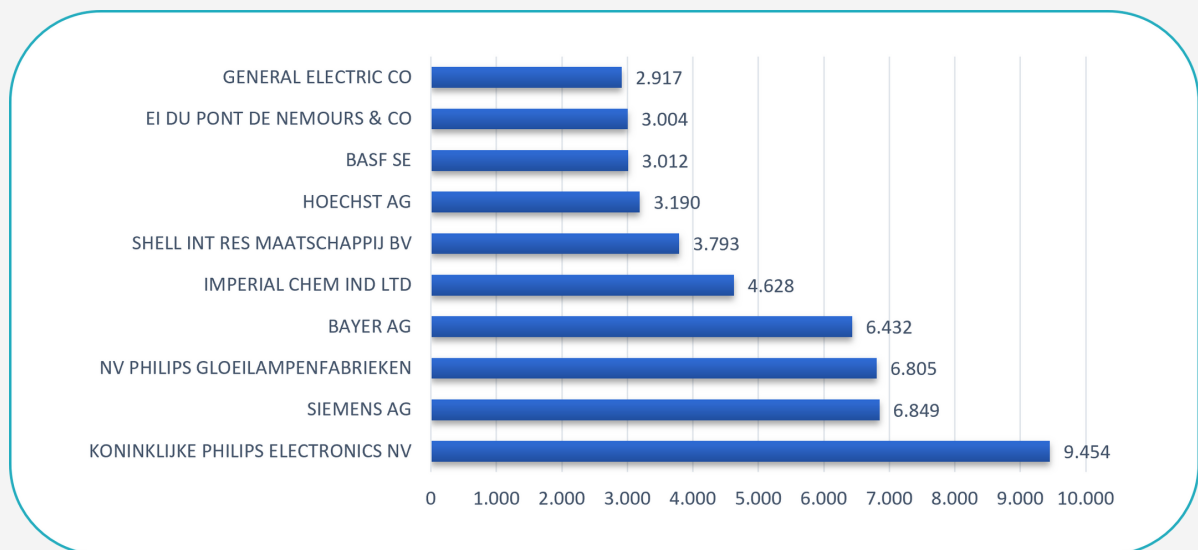


Figure 6 The top 10 standardized current assignees

However, it is worth noting that the top 10 applicants have hardly applied for patents in the Netherlands in recent years (as shown in [Figure 7](#)).

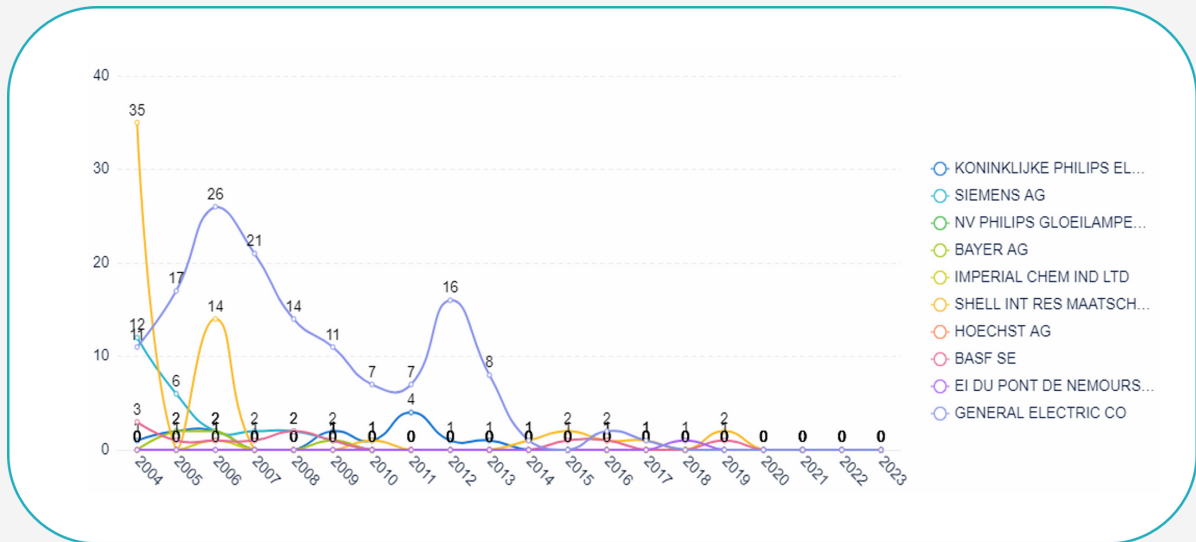


Figure 7 Patent application trend of the top 10 standardized current assignees

Conclusion

The Netherlands has technology giants such as ASML, PHILIPS, and NXP. Although the volume of patents disclosed is not large, most of them have high value, and therefore deserve our high attention.

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Tupolevlaan 81, 1119 PA Schiphol-Rijk
The Netherlands
Telephone +31 85 800 0024
info@lighthouseip.com

lighthouseip.com

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