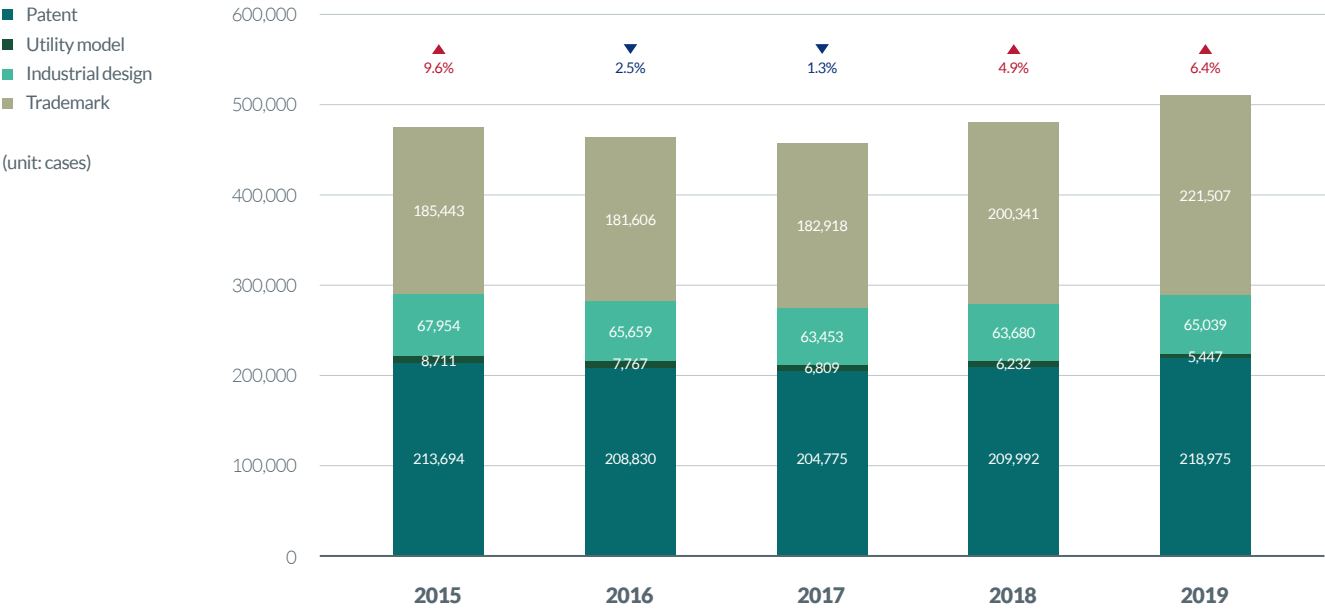


# 2019 IP Trends

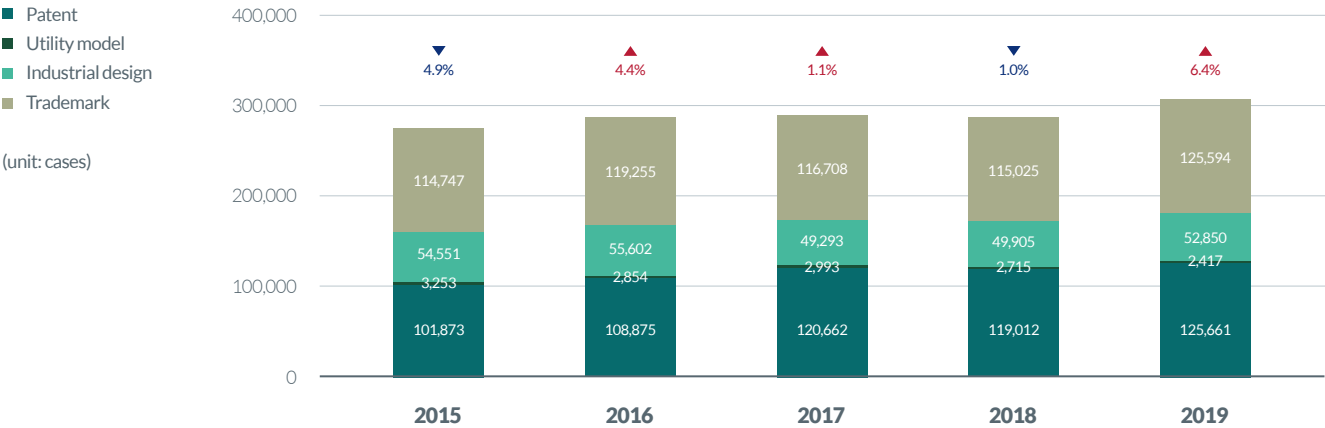
## IPR Applications and Registrations by Year

### IPR Applications

\*Including PCT, Madrid, Hague international applications



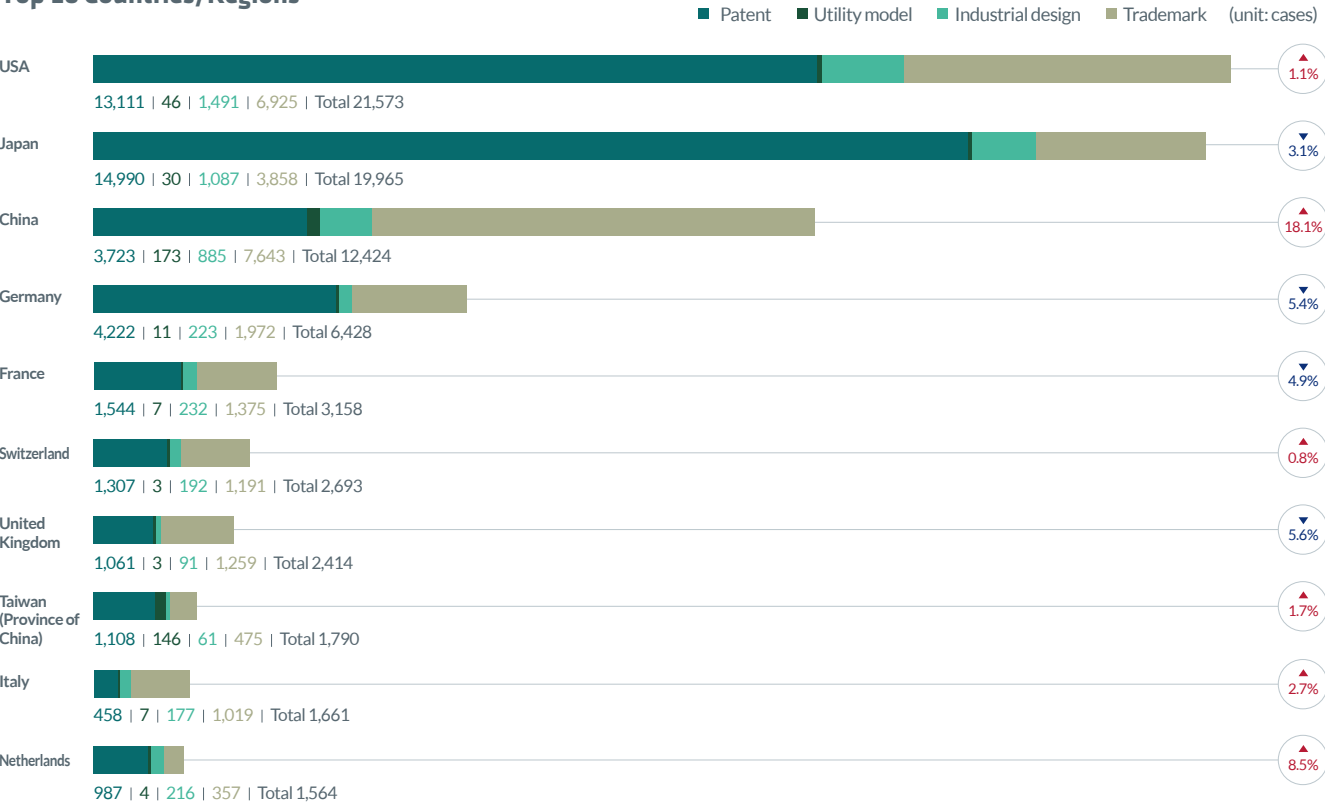
### IPR Registrations



## Non-Resident IPR Applications

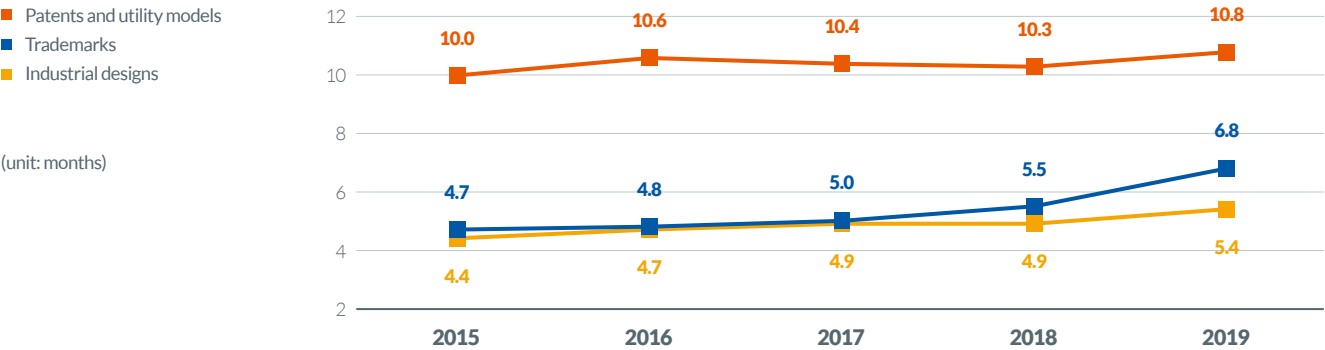
- Non-resident applicants filed a total of 84,243 IPR applications (a 1.9% increase from 2018).
- Non-residents from the USA filed the largest portion of IPR applications at 25.6% and non-residents from Japan filed the most patent applications by at 31.6% out of 129 countries.

## Top 10 Countries/Regions

































## IP Examination Trends

### First Office Action Pendency by IPRs



Top IPR Filing Domestic & Overseas Companies

Patent	1st.	2nd.	3rd.	4th.	5th.
Domestic	<div> LG Electronics</div> <div>7,797 4,551 ▲71.3%</div>	<div> SAMSUNG ELECTRONICS</div> <div>6,313 5,883 ▲7.3%</div>	<div> LG Chem</div> <div>4,314 4,174 ▲3.4%</div>	<div> HYUNDAI</div> <div>2,889 2,676 ▲8.0%</div>	<div> SAMSUNG DISPLAY</div> <div>2,319 1,846 ▲25.6%</div>
Overseas	<div> HUAWEI</div> <div>654 501 ▲30.5%</div>	<div> QUALCOMM</div> <div>563 860 ▼-34.5%</div>	<div> TEL TOKYO ELECTRON</div> <div>559 531 ▲5.3%</div>	<div> 株式会社東芝</div> <div>483 383 ▲26.1%</div>	<div> Canon</div> <div>436 488 ▼-10.7%</div>
Industrial design	1st.	2nd.	3rd.	4th.	5th.
Domestic	<div> LG Electronics</div> <div>990 675 ▲46.7%</div>	<div> SAMSUNG ELECTRONICS</div> <div>741 670 ▲10.6%</div>	<div> CJ</div> <div>506 419 ▲20.8%</div>	<div> i-CODI</div> <div>216 129 ▲67.4%</div>	<div> HYUNDAI</div> <div>216 199 ▲8.5%</div>
Overseas	<div> Apple</div> <div>278 171 ▲62.6%</div>	<div> NIKE</div> <div>143 82 ▲74.4%</div>	<div> GM</div> <div>109 17 ▲541.2%</div>	<div> LOUIS VUITTON</div> <div>85 19 ▲347.4%</div>	<div> SMC</div> <div>80 52 ▲53.8%</div>
Trademark	1st.	2nd.	3rd.	4th.	5th.
Domestic	<div> LG Household &amp; Health Care</div> <div>946 1,189 ▼-20.4%</div>	<div> E-LAND</div> <div>666 301 ▲121.3%</div>	<div> coupang</div> <div>562 536 ▲4.9%</div>	<div> AMOREPACIFIC</div> <div>550 621 ▼-11.4%</div>	<div> CJ ENM</div> <div>477 375 ▲27.2%</div>
Overseas	<div> L'ORÉAL PARIS</div> <div>114 98 ▲16.3%</div>	<div> kao</div> <div>74 55 ▲34.5%</div>	<div> amazon</div> <div>69 58 ▲19.0%</div>	<div> Johnson &amp; Johnson</div> <div>66 59 ▲11.9%</div>	<div> SUPREMACY</div> <div>54 -</div>

20192018

▲

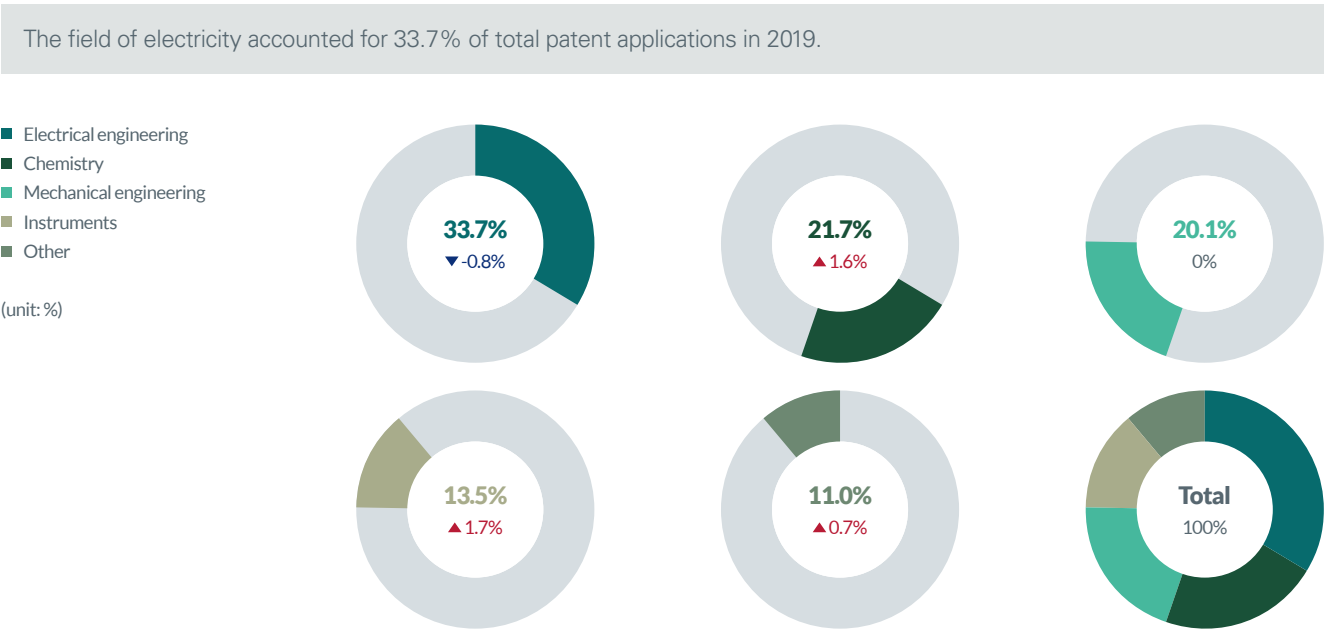
▼

Year-over-year comparison

(unit: cases)

Patent Applications by Technology

Top 5 WIPO Technology Fields



Top 10 Technology Classifications

※ WIPO IPC-Technology concordance table (35 technology fields)

