
STATISTICS ON CHINESE PATENT PUBLICATIONS

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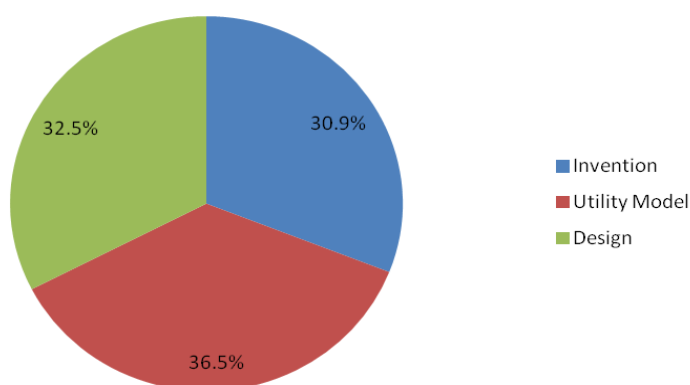
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1. Weekly Report on General Status of Chinese Patent Application

24,596 Chinese patents are published in this week, including 7,609 invention patents, 8,986 utility models and 8,001 designs, respectively accounting for 30.9%, 36.5% and 32.5% of publications.

1.1 Summary on Weekly Patent Publications

24,596 Chinese patents are published in this week, including 7,609 invention patents, 8,986 utility models and 8,001 designs, respectively accounting for 30.9%, 36.5% and 32.5% of publications.



1.2 Weekly Report on Technology Status of Patent Publications

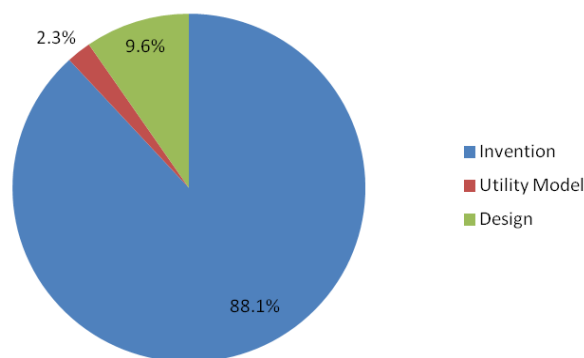
China's top seven patent publication rankings: steel (7,427 patent publications), electronic information (4,025 patent publications), textile (2,591 patent publications), nonferrous metal (1,294 patent publications), automobile (852 patent publications), petroleum chemical industry (349 patent publications) and shipbuilding (65 patent publications).

1.3. Weekly Report on Applicants

21,820 Chinese patents are disclosed this week, which accounts for 88.7% of total publications. Foreign applications take 11.3% of total publications, generally from USA (828 patents, accounting for 3.4%), the Japan (762 patents, accounting for 3.1%), and Germany 275 patents, accounting for 1.1%). 865 patents are from other countries, accounting for 3.3%.

2. Weekly Report on Patent Application Status from Non-resident Applicants

2,776 patents are submitted by foreigners, including 2,446 inventions, 63 utility models and 267 designs, which respectively accounts for 88.1%, 2.3% and 9.6% of total applications.



2.1 Statistics on US Patent Applications

828 US patent applications are published in China, including 766 inventions, 18 utility models, and 44 designs, respectively accounting for 92.5%, 2.2% and 5.3% of total publications.

US patent publications refer to the following fields: electronic information (301 patents), steel (241 patents), nonferrous metals (32 patents), automobile (29 patents), petrochemical industry (19 patents) and textiles (13 patents).

2.2 Statistics on JP Patent Applications

762 JP patent applications are published in China, including 667 inventions, accounting for 87.5% of total publication; 16 utility models, accounting for 2.1% of total publication; and 79 designs, accounting for 10.4% of total publication.

JP patent publications refer to the following fields: electronic information (377 patents), steel (298 patents), automobile (49 patents), nonferrous metals (17 patents), textiles (13 patents) and petrochemical industry (4 patents).

3. Statistics on Patent Publications in the Auto Industry

3.1. Total Amount Statistics

852 patent publications are disclosed in the auto industry, accounting for 3.5% of total publications. Within, 345 invention publications are filed, which accounts for 4.5% of total invention publications.

3.2 Type Statistics

Type statistics on patent publications in the Auto industry is shown in Fig.3-1

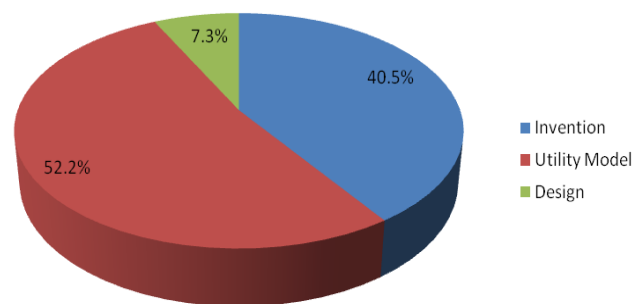


Fig. 3-1 Type Statistics on Patent Publications in the Auto Industry

Types of patent publications in the auto industry are: 345 invention patents, accounting for 4.5% of total invention publications; 445 utility models, accounting for 5.0% of total utility models; 62 designs, accounting for 0.8% of total designs.

3.3 Statistics on Resident and Non-resident Patent Publications

Statistics on resident and non-resident patent publications in the Auto industry is shown in figure 3-2 and Table 3-3:

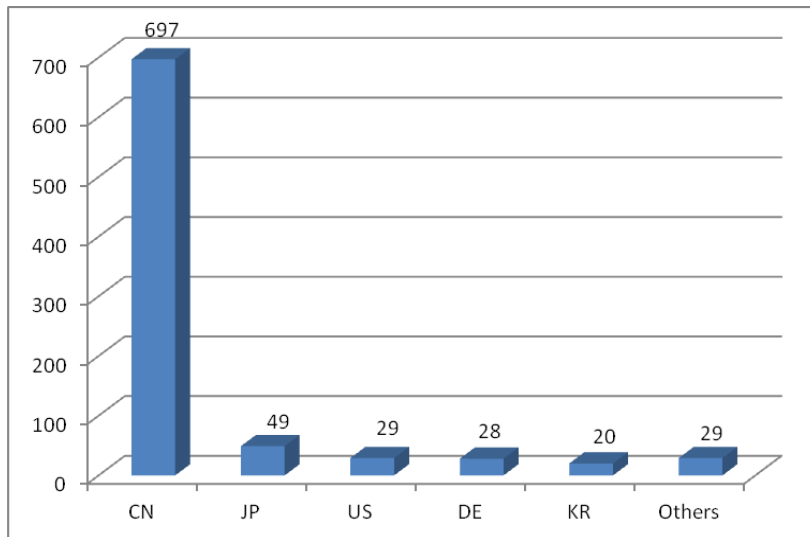


Fig 3-2 Statistics on Resident and Non-resident Patent Publications in the Auto Industry

Country	Amount of Publication
CN	697
JP	49
US	29
DE	28
KR	20
FR	15
SE	3
LU	3
AT	1
AU	1
ES	1
CA	1
IT	1
FI	1
CH	1
GB	1

Table 3-3 Statistics on Resident and Non-resident Patent Publications in the Auto Industry

Shown as in Table 3-3, the top five states on patent publications are China, Japan, the USA, Germany and South Korea.

3.4 Statistics on Applicants

The top ten applicants in the auto industry are: Zhejiang Geely Holding Group Co Ltd,

Zhejiang Geely Automobile Res Academy, Shandong University of Technology, Robert Bosch GMBH, LG CHEMICAL LTD, Wang Dawang, Toyota, General Motors(GM) Global Tech Operations Inc, Shanxi Tongli Special Vehicle Co., Ltd, Shanxi Heavy Duty Automobile Co.,Ltd.. The amount of publication from the ten companies accounts for 12.0% of total patent publications.

Applicant	Amount of Publication
Zhejiang Geely Holding Group Co Ltd	21
Zhejiang Geely Automobile Res Academy	19
Shandong University of Technology	16
Robert Bosch GMBH	8
LG CHEMICAL LTD	7
Wang Dawang	7
Toyota	6
General Motors(GM) Global Tech Operations Inc	6
Shanxi Tongli Special Vehicle Co., Ltd	6
Shanxi Heavy Duty Automobile Co.,Ltd.	6

4. Statistics on Patent Publications in the Steel Industry

4.1 Total Amount Statistics

7,427 patent publications are disclosed in the steel industry, accounting for 30.2% of total publications. Within, 2,873 invention publications are filed, which accounts for 37.8% of total invention publications.

4.2 Type Statistics

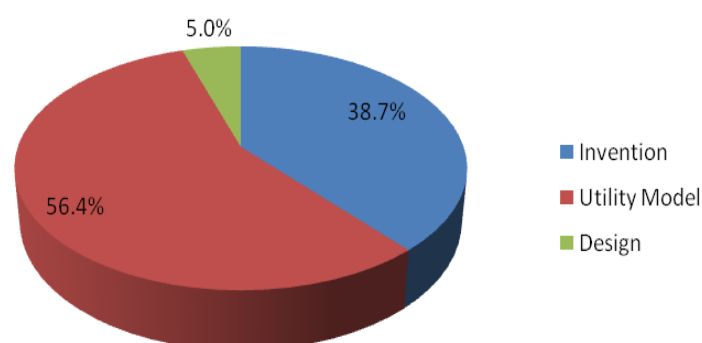


Fig.4-1. Three Types of Patent Publications in the Steel Industry

Patent publications in the steel industry involve 2,873 invention patents, accounting

for 37.8% of total invention publications; 4,186 utility models, accounting for 46.6% of total utility models; 368 designs, accounting for 4.6% of total designs.

4.3 Statistics on Resident and Non-resident Patent Publications

Statistics on resident and non-resident patent publications in the steel industry is shown in figure 4-2 and Table 4-3:

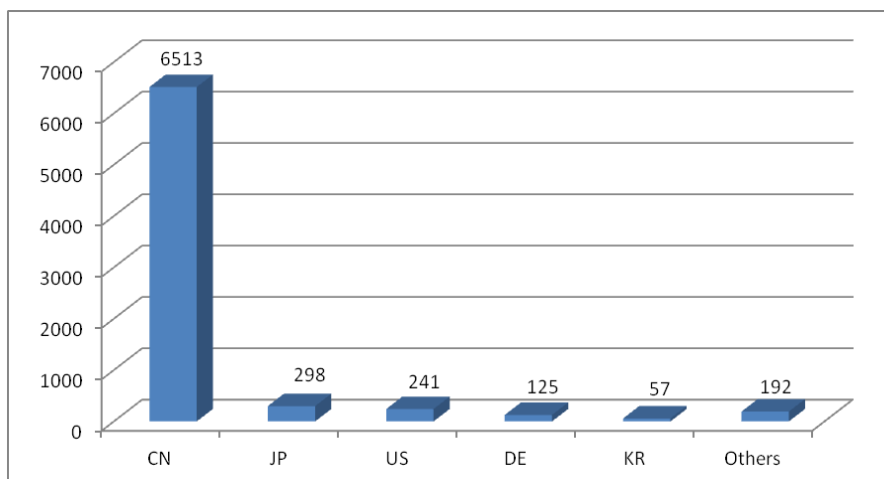


Figure 4-2 Statistics on Resident and Non-resident Patent Publications in the Steel Industry

Country	Amount of Publication
CN	6513
JP	298
US	241
DE	125
KR	57
FR	35
GB	20
NL	20
CH	16
DK	11
IT	11
SE	11
AU	10
AT	8
FI	7
VG	7
IL	5
SG	5
CA	4
BM	3

LU	3
BE	3
NO	3
BR	2
IN	2
ES	2
GI	1
KY	1
AE	1
BB	1

Table 4-3 Statistics on Resident and Non-resident Patent Publications in the Steel Industry

Shown as in Table 4-3, the top five states on patent publications are China, Japan, the USA, Germany and South Korea.

4.4 Statistics on Applicants

The top ten applicants in the steel industry are: AnGang Steel Company Limited, Mao Changguo, PetroChina, Panasonic Corporation, Zhejiang Geely Holding Group Co Ltd, China National Offshore Oil Corporation (CNOOC), Suzhou Tang Feng Electrical Appliance Co, Ltd, Guan Kaihua, Suzhou Junyue New Material Technology Co.,Ltd., Sinopec. The amount of publication from the top ten applicants accounts for 6.1% of total patent publications.

Applicant	Amount of Publication
AnGang Steel Company Limited	107
Mao Changguo	84
PetroChina	61
Panasonic Corporation	32
Zhejiang Geely Holding Group Co Ltd	30
China National Offshore Oil Corporation (CNOOC)	29
Suzhou Tang Feng Electrical Appliance Co, Ltd	28
Guan Kaihua	27
Suzhou Junyue New Material Technology Co.,Ltd.	27
Sinopec	26

5. Statistics on Patent Publications in the Nonferrous Metal Industry

5.1 Total Amount Statistics

1,294 patent publications are disclosed in the nonferrous metal industry, accounting for 5.3% of total publications. Within, 593 invention publications are filed, which accounts for 7.8% of total invention publications.

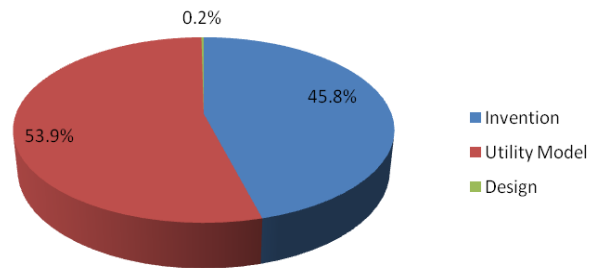


Fig 5-1 Types of Patent Publications in the Nonferrous Metal Industry

5.2 Type Statistics

Types of patent publications in the nonferrous metal industry are: 593 invention patents, accounting for 7.8% of total invention publications; 698 utility models, accounting for 7.8% of total utility models; 3 designs, accounting for 0.04% of total designs.

5.3 Statistics on Resident and Non-resident Patent Publications

Statistics on resident and non-resident patent publications in the nonferrous metal industry is shown in figure 5-2 and table 5-3.

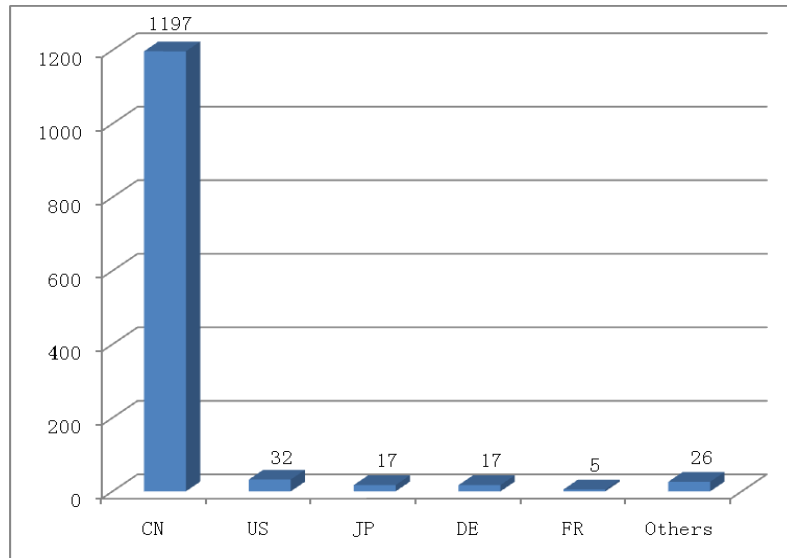


Figure 5-2 Statistics on Resident and Non-resident Patent Publications in the Nonferrous Metal Industry

Country	Amount of Publication
CN	1197
US	32
JP	17
DE	17
FR	5
VG	4
DK	3
AU	3
SG	2
NL	2
SE	2
KR	2
NO	2
IN	2
CA	1
CH	1
GB	1
IL	1

Table 5-3 Statistics on Patent Publications in the Nonferrous Metal Industry

Shown as in Table 5-3, the top five states on patent publications in the nonferrous metal industry are China, the USA, Japan, Germany and France.

5.4 Statistics on Applicants

The top 10 applicants in the nonferrous metal industry are: PetroChina, Rongde (Dalian) Engineering Equipment Co., Ltd., AnGang Steel Company Limited, China National Offshore Oil Corporation (CNOOC), Sichuan Renesola Silicon Materials Co., Ltd., Sinopec, Central South University, China National Petroleum Corporation (CNPC), China University of Mining and Technology (CUMT), Anhui Wanbei Coal-electricity group Co., Ltd. Baishan coal mine. The amount of publication from the top ten applicants accounts for 10.7% of total patent publications.

Applicant	Amount of Publication
PetroChina	44
Rongde (Dalian) Engineering Equipment Co., Ltd.	15
AnGang Steel Company Limited	15
China National Offshore Oil Corporation (CNOOC)	14
Sichuan Renesola Silicon Materials Co., Ltd.	11
Sinopec	9
Central South University	8
China National Petroleum Corporation (CNPC)	8
China University of Mining and Technology (CUMT)	7
Anhui Wanbei Coal-electricity group Co., Ltd. Baishan coal mine	7

6. Statistics on Patent Publications in the Petrochemical Industry

6.1 Total Amount Statistics

349 patent publications are disclosed in the petrochemical industry, accounting for 1.4% of total publications. Within, 164 invention publications are filed, which accounts for 2.2% of total invention publications.

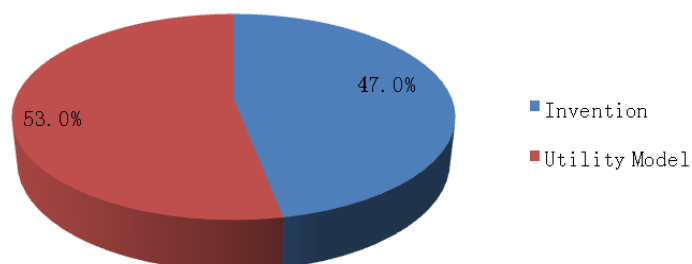


Fig. 6-1 Types of Patent Publications in the Petrochemical Industry

6.2 Type Statistics

Patent publications in the petrochemical industry involve 164 invention patents, accounting for 2.2% of total invention publications; 185 utility models, accounting for 2.1% of total utility models.

6.3 Statistics on Resident and Non-resident Patent Publications

Statistics on resident and non-resident patent publications in the petrochemical industry is shown in figure 6-2 and table 6-3.

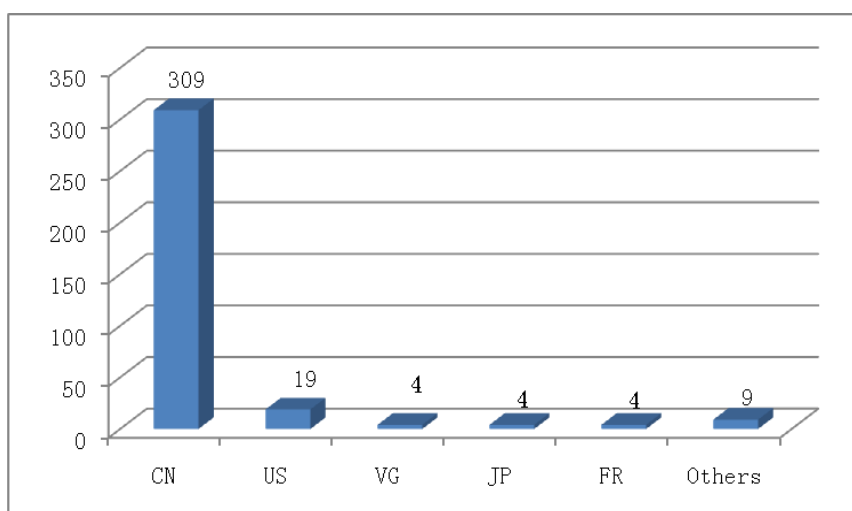


Fig. 6-2 Statistics on Resident and Non-resident Patent Publications in the Petrochemical Industry

Country	Amount of Publication
CN	309
US	19
VG	4
JP	4
FR	4
NL	3
IT	1
FI	1
AT	1
DE	1
DK	1
SG	1

Table 6-3 Statistics on Resident and Non-resident Patent Publications in the

Petrochemical Industry

Shown as in Table 6-3, the top five states on patent publications are China, the USA, British Virgin Island, Japan and France.

6.4 Statistics on Applicants

The top ten applicants in the petrochemical industry are: PetroChina, China National Offshore Oil Corporation (CNOOC), Sinopec, China Petroleum & Chemical Corporation, PetroChina Company Limited, Southwest Petroleum University (SWPU), AnGang Steel Company Limited, ACRE Coking & Refractory Engineering Consulting Corporation, MCC, ACRE Coking and Refractory Engineering Consulting Corporation(Dalian), BGP INC., China National Petroleum Corporation. The amount of publication from the top ten applicants accounts for 33.5% of total patent publications.

Applicant	Amount of Publication
PetroChina	41
China National Offshore Oil Corporation (CNOOC)	16
Sinopec	16
China Petroleum & Chemical Corporation	11
PetroChina Company Limited	9
Southwest Petroleum University (SWPU)	7
AnGang Steel Company Limited	5
ACRE Coking & Refractory Engineering Consulting Corporation, MCC	4
ACRE Coking and Refractory Engineering Consulting Corporation(Dalian)	4
BGP INC., China National Petroleum Corporation	4

7. Statistics on Patent Publications in the Electronic Information

Industry

7.1 Total Amount Statistics

4,025 patent publications are disclosed in the electronic information industry, accounting for 16.4% of total publications. Within, 2,178 invention publications are filed, which accounts for 28.6% of total invention publications.

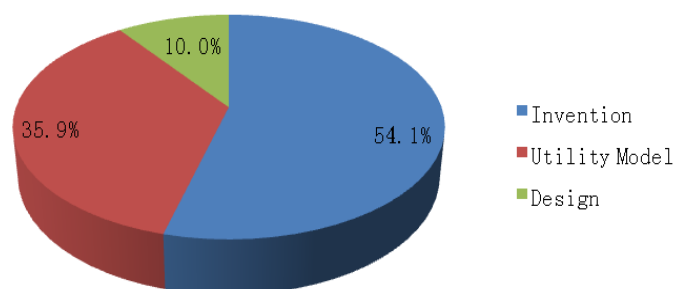


Fig. 7-1 Three Types of Patent Publication in the Electronic Information Industry

7.2 Type Statistics

Patent publications in the electronic information industry involve 2,178 invention patents, accounting for 28.6% of total invention publications; 1,446 utility models, accounting for 16.1% of total utility models; and 401 designs, accounting for 5.0% of total design publications.

7.3 Statistics on Resident and Non-resident Patent Publications

Statistics on resident and non-resident patent publications in the electronic information industry is shown in figure 7-2 and table 7-3.

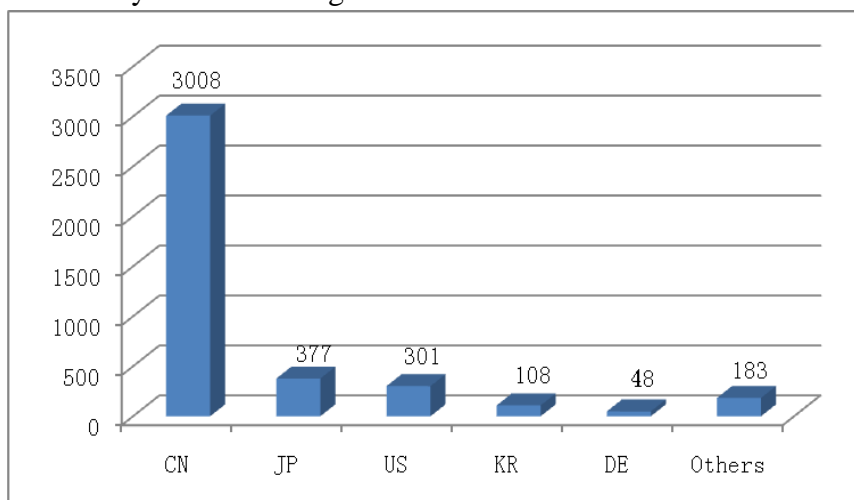


Fig.7-2 Statistics on Resident and Non-resident Patent Publications in the Electronic Information Industry

Country	Amount of Publication
CN	3008
JP	377

US	301
KR	108
DE	48
FR	32
FI	29
NL	21
SE	17
CH	12
CA	12
SG	9
GB	7
DK	7
AT	5
IT	4
IL	4
BM	4
KY	3
AU	3
VG	3
LU	2
BB	2
NO	1
AE	1
SI	1
CY	1
BS	1
RU	1
IE	1

Table 7-3 Non-resident Patent Publications in the Electronic Information Industry

Shown as in Table 7-3, the top five countries in terms of publication amount are China, Japan, the USA, South Korea and Germany.

7.4 Statistics on Applicants

The top ten applicants in the electronic information industry are: ZTE Corporation, Li Bingfang, Qualcomm International, Inc, Sony, Huawei Technologies Co Ltd, Panasonic Corporation, Samsung, Hon Hai Precision Industry Co. Ltd., Hongfujin Prec(Shenzhen) Ind, LG. The amount of publication from the top ten applicants accounts for 11.6% of total patent publications.

Applicant	Amount of Publication
ZTE Corporation	101
Li Bingfang	65
Qualcomm International, Inc	49
Sony	47
Huawei Technologies Co Ltd	40
Panasonic Corporation	37
Samsung	35
Hon Hai Precision Industry Co. Ltd.	33
Hongfujin Prec(Shenzhen) Ind	31
LG	27

8. Statistics on Patent Publications in the Textile Industry

8.1 Total Amount Statistics

2,591 patent publications are disclosed in the textile industry, accounting for 10.5% of the total publications. Within, 156 invention publications are filed, which accounts for 2.1% of the total invention publications.

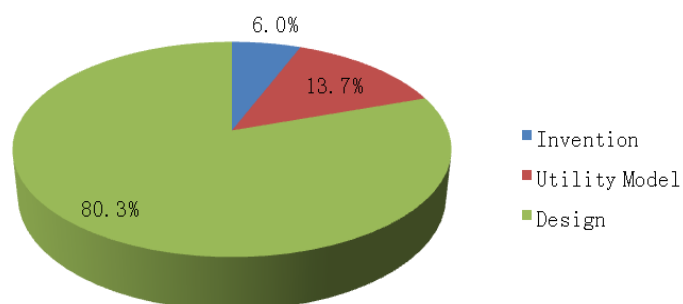


Fig. 8-1 Three Types of Patent Publication in the Textile Industry

8.2 Type Statistics

Patent publications in the textile industry involve 156 invention patents, accounting for 2.1% of total invention publications; 335 utility models, accounting for 4.0% of total utility models; 2,080 designs, accounting for 26.0% of total design publications.

8.3 Statistics on Resident and Non-resident Patent Publications

Statistics on resident and non-resident patent publications in the textile industry is shown in figure 8-2 and table 8-3:

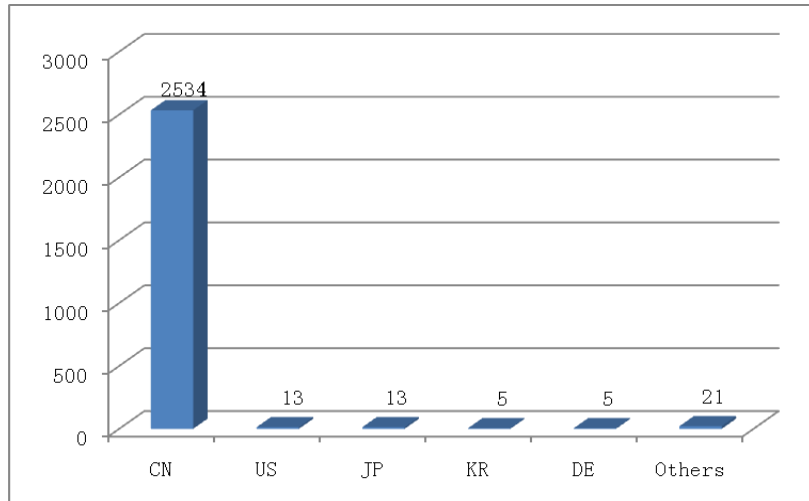


Fig.8-2 Statistics on Resident and Non-resident Patent Publications in the Textile Industry

Country	Amount of Publication
CN	2534
US	13
JP	13
KR	5
DE	5
BE	4
TR	3
DK	3
CH	3
FI	2
NL	1
IT	1
AT	1
SG	1
GB	1
FR	1

Table 8-3 Statistics on Resident and Non-resident Patent Publications in the Textile Industry

Shown as in Table 8-3, the top five states on patent publications are China, the USA, Japan, South Korea and Germany.

8.4 Statistics on Applicants

The top ten principal applicants in the textile industry are: Yuxu Fashion (Shanghai)

Co Ltd, Yinian (Shanghai) Fashion Trade Co Ltd, Suzhou Central Star Arts&Crafts Co., Ltd, ELAND (Shanghai) Co., Ltd., Zhangjiagang Fusheng Knitted Cap Co., Ltd., Fujian Oumeilong Sports Goods Co., Ltd., Zhangjiagang Ruiyan Garments Factory, Zhangjiagang Huaxia Headgear Co., Ltd., Zhu Zhengxi, Kunshan Zhouzhuang Yunnan Garment Co., Ltd.. The amount of publication from the top ten applicants accounts for 61.5% of total patent publications.

Applicant	Amount of Publication
Yuxu Fashion (Shanghai) Co Ltd	480
Yinian (Shanghai) Fashion Trade Co Ltd	201
Suzhou Central Star Arts&Crafts Co., Ltd	190
ELAND (Shanghai) Co., Ltd.	176
Zhangjiagang Fusheng Knitted Cap Co., Ltd.	156
Fujian Oumeilong Sports Goods Co., Ltd.	110
Zhangjiagang Ruiyan Garments Factory	87
Zhangjiagang Huaxia Headgear Co., Ltd.	68
Zhu Zhengxi	68
Kunshan Zhouzhuang Yunnan Garment Co., Ltd.	57