

# Number of Patent Application Classified by Country

Unit : Number

|                        | 2010         | 2009         | 2008          | 2007          | 2006         | 2005          | 2004         | 2003         | 2002         | 2001         |
|------------------------|--------------|--------------|---------------|---------------|--------------|---------------|--------------|--------------|--------------|--------------|
| <b>Total Patent</b>    | <b>5,539</b> | <b>9,730</b> | <b>10,561</b> | <b>10,339</b> | <b>9,821</b> | <b>10,885</b> | <b>8,942</b> | <b>8,574</b> | <b>7,726</b> | <b>7,994</b> |
| Thai                   | 3,539        | 4,196        | 3,637         | 3,478         | 3,564        | 4,258         | 3,428        | 3,426        | 3,030        | 2,504        |
| US                     | 299          | 1,132        | 1,390         | 1,623         | 1,473        | 1,625         | 1,429        | 1,359        | 1,266        | 1,567        |
| Japan                  | 905          | 2,107        | 2,596         | 2,269         | 2,019        | 2,150         | 1,762        | 1,631        | 1,533        | 1,711        |
| EU                     | 529          | 1,806        | 2,348         | 2,411         | 2,107        | 1,789         | 1,419        | 1,401        | 1,116        | 1,241        |
| Asean                  | 91           | 119          | 105           | 38            | 46           | 117           | 122          | 59           | 69           | 77           |
| Others                 | 176          | 370          | 485           | 520           | 612          | 946           | 782          | 698          | 712          | 894          |
| <b>1. Design</b>       | <b>3,614</b> | <b>3,873</b> | <b>3,820</b>  | <b>3,521</b>  | <b>3,560</b> | <b>4,545</b>  | <b>3,569</b> | <b>3,631</b> | <b>3,237</b> | <b>2,662</b> |
| Thai                   | 2,648        | 3,171        | 2,735         | 2,533         | 2,524        | 3,367         | 2,609        | 2,624        | 2,415        | 1,970        |
| US                     | 124          | 106          | 110           | 141           | 173          | 159           | 164          | 264          | 198          | 140          |
| Japan                  | 399          | 283          | 507           | 408           | 447          | 468           | 379          | 304          | 278          | 214          |
| EU                     | 318          | 204          | 318           | 329           | 295          | 341           | 199          | 267          | 172          | 160          |
| Asean                  | 20           | 32           | 41            | 13            | 18           | 27            | 29           | 11           | 22           | 24           |
| Others                 | 105          | 77           | 109           | 97            | 103          | 183           | 189          | 161          | 152          | 154          |
| <b>2. Invention</b>    | <b>1,925</b> | <b>5,857</b> | <b>6,741</b>  | <b>6,818</b>  | <b>6,261</b> | <b>6,340</b>  | <b>5,373</b> | <b>4,943</b> | <b>4,489</b> | <b>5,332</b> |
| Thai                   | 891          | 1,025        | 902           | 945           | 1,040        | 891           | 819          | 802          | 615          | 534          |
| US                     | 175          | 1,026        | 1,280         | 1,482         | 1,300        | 1,466         | 1,265        | 1,095        | 1,068        | 1,427        |
| Japan                  | 506          | 1,824        | 2,089         | 1,861         | 1,572        | 1,682         | 1,383        | 1,327        | 1,255        | 1,497        |
| EU                     | 211          | 1,602        | 2,030         | 2,082         | 1,812        | 1,448         | 1,220        | 1,134        | 944          | 1,081        |
| Asean                  | 71           | 87           | 64            | 25            | 28           | 90            | 93           | 48           | 47           | 53           |
| Others                 | 71           | 293          | 376           | 423           | 509          | 763           | 593          | 537          | 560          | 740          |
| <b>2.1 Chemistry</b>   | <b>639</b>   | <b>3,287</b> | <b>3,754</b>  | <b>3,875</b>  | <b>3,486</b> | <b>3,009</b>  | <b>2,798</b> | <b>2,610</b> | <b>2,476</b> | <b>3,237</b> |
| Thai                   | 310          | 396          | 330           | 349           | 378          | 203           | 216          | 223          | 193          | 162          |
| US                     | 100          | 702          | 903           | 1,028         | 878          | 828           | 734          | 731          | 730          | 1,007        |
| Japan                  | 110          | 816          | 850           | 848           | 680          | 618           | 567          | 488          | 533          | 687          |
| EU                     | 79           | 1,207        | 1,482         | 1,480         | 1,309        | 976           | 890          | 843          | 789          | 943          |
| Asean                  | 16           | 19           | 15            | 11            | 15           | 18            | 25           | 15           | 14           | 19           |
| Others                 | 24           | 147          | 174           | 159           | 226          | 366           | 366          | 310          | 217          | 419          |
| <b>2.2 Engineering</b> | <b>662</b>   | <b>1,247</b> | <b>1,651</b>  | <b>1,619</b>  | <b>1,556</b> | <b>2,567</b>  | <b>1,806</b> | <b>1,294</b> | <b>1,189</b> | <b>1,281</b> |
| Thai                   | 276          | 310          | 328           | 341           | 394          | 483           | 363          | 354          | 274          | 230          |
| US                     | 34           | 125          | 168           | 220           | 218          | 494           | 360          | 176          | 171          | 230          |
| Japan                  | 270          | 530          | 751           | 618           | 556          | 850           | 631          | 502          | 480          | 512          |
| EU                     | 48           | 185          | 273           | 296           | 246          | 354           | 230          | 118          | 78           | 105          |
| Asean                  | 9            | 28           | 20            | 7             | 10           | 64            | 46           | 20           | 17           | 21           |
| Others                 | 25           | 69           | 111           | 137           | 132          | 322           | 176          | 124          | 169          | 183          |
| <b>2.3 Physics</b>     | <b>624</b>   | <b>1,323</b> | <b>1,336</b>  | <b>1,324</b>  | <b>1,219</b> | <b>764</b>    | <b>769</b>   | <b>1,039</b> | <b>824</b>   | <b>814</b>   |
| Thai                   | 305          | 319          | 244           | 255           | 268          | 205           | 240          | 225          | 148          | 142          |
| US                     | 41           | 199          | 209           | 234           | 204          | 144           | 171          | 188          | 167          | 190          |
| Japan                  | 126          | 478          | 488           | 395           | 336          | 214           | 185          | 337          | 242          | 298          |
| EU                     | 84           | 210          | 275           | 306           | 257          | 118           | 100          | 173          | 77           | 33           |
| Asean                  | 46           | 40           | 29            | 7             | 3            | 8             | 22           | 13           | 16           | 13           |
| Others                 | 22           | 77           | 91            | 127           | 151          | 75            | 51           | 103          | 174          | 138          |

Source: Department of Intellectual Property, Ministry of Commerce, Thailand, 2010