**Table SINV-4**

**Technical fields by fields of technology in patent data**

(Category)

| Technical field | Fields of technology |
|---|---|
| Basic materials chemistry | Chemistry |
| Biotechnology | Chemistry |
| Chemical engineering | Chemistry |
| Environmental technology | Chemistry |
| Food chemistry | Chemistry |
| Macromolecular chemistry, polymers | Chemistry |
| Materials, metallurgy | Chemistry |
| Microstructural technology, nanotechnology | Chemistry |
| Organic fine chemistry | Chemistry |
| Pharmaceuticals | Chemistry |
| Surface technology, coating | Chemistry |
| Audio-visual technology | Electrical engineering |
| Basic communication processes | Electrical engineering |
| Computer technology | Electrical engineering |
| Digital communication | Electrical engineering |
| Electrical machinery, apparatus, energy | Electrical engineering |
| IT methods for management | Electrical engineering |
| Semiconductors | Electrical engineering |
| Telecommunications | Electrical engineering |
| Analysis of biological materials | Instruments |
| Control | Instruments |
| Measurement | Instruments |
| Medical technology | Instruments |
| Optics | Instruments |
| Engines, pumps, turbines | Mechanical engineering |
| Handling | Mechanical engineering |
| Machine tools | Mechanical engineering |
| Mechanical elements | Mechanical engineering |
| Other special machines | Mechanical engineering |
| Textile and paper machines | Mechanical engineering |
| Thermal processes and apparatus | Mechanical engineering |
| Transport | Mechanical engineering |
| Civil engineering | Other fields |
| Furniture, games | Other fields |
| Other consumer goods | Other fields |

IT = information technology.

**Note(s):**
U.S. Patent and Trademark Office patents and international patent families are classified under the World Intellectual Property Organization (WIPO) classification of patents, which classifies International Patent Classification codes under 35 technical fields and five fields of technology.

**Source(s):**
National Center for Science and Engineering Statistics; Science-Metrix; International Patent Classification, WIPO, accessed June 2021.

*Science and Engineering Indicators*