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Counts of Invention Patent Applications Ranked by International Patent Classification (IPC) in 2021 (TOP 20)

Rank	IPC	IPC Subject	Total
1	H01L	Semiconductor devices; electric solid state devices not otherwise provided for	6,605
2	G06F	Electric digital data processing	2,530
3	A61K	Preparations for medical, dental, or toilet purposes	1,822
4	C07D	Heterocyclic compounds	1,035
5	G02B	Optical elements, systems, or apparatus	1,011
6	G06Q	Electronic commerce	1,009
7	H05K	Printed circuits; casings or constructional details of electric apparatus; manufacture of assemblages of electrical components	871
8	G03F	Photomechanical production of textured or patterned surfaces; materials therefor; originals therefor; apparatus specially adapted therefor	831
9	C23C	Coating metallic material; coating material with metallic material	804
10	H04W	Wireless communication networks	803
11	C07K	Peptides	794
12	C08G	Macromolecular compounds obtained otherwise than by reactions only involving carbon-to-carbon unsaturated bonds	754
13	H04N	Pictorial communication	746
14	G01N	Investigating or analyzing materials by determining their chemical or physical properties	737
15	B32B	Layered products	698
16	G01R	Measuring electric variables; measuring magnetic variables	630
17	G11C	Static stores	609
18	H04L	Transmission of digital information	546
19	H01R	Electrically-conductive connections	510
20	A61B	Diagnosis; surgery; identification	507

Reporting Date: January 11, 2023

Note:

1. The table displays in descending order, which based on counts of patent applications.
2. For detailed classification descriptions, please refer to International Patent Classification version 2021.01.
3. The counts of patent applications of the year are excluded from the annual report owing to the statistical time lag of classification process; thus, numbers from the last year are counted as the basis of the statistics.