

Recent IBM patents

The following patents were recently issued by the countries in which the inventions were made. For U.S. patents, titles and names supplied to us by the U.S. Patent Office are reproduced exactly as they appear on the original published patent.

Federal Republic of Germany

313,682	H. E. Korth	Beam Analyzer for Optical Storage Devices
404,206,0.4	E. Kimmerle, E. Mirbach, F. Notter, and L. Kaiser	Device for Connecting and Disconnecting an Electrical Connector
920,136,3.5	J. Ratzlaff	Desktop System Unit
920,196,7.6	W. Loef	Clean Room Container
3,685,654,108	K. Helwig, M. H. Tong, and W. Loehlein	Decoding Process and Circuit Arrangement for a Redundant CMOS Semiconductor Storage
3,779,641,008	H. Astheimer, H. Friedman, and H. Schuy	Air Bearing Slider Rail Design and Mechanical Method for Producing It
6,890,214,1.0	G. Kraus, H. Weiss, J. Greschner, J. W. Bartha, O. Wolter, and T. Bayer	Method of Producing Micromechanical Sensors for the AFM/STM Profilometry and Micromechanical AFM/STM Sensor Head

France

257,168	J. Calvignac and P. Secondo	Pseudo Synchronous Transport Mechanism in a Communication Network
288,648	J. M. Munier, M. Poret, and P. Austruy	Adapter-Bus Switch for Improving the Availability of a Control Unit
288,650	J. C. Robbe, J. M. Munier, and M. Poret	Protocol and Apparatus for a Control Link Between a Control Unit and Several Devices
291,615	P. Huon and R. Glaise	A Programmable Sequencing Device for Controlling Fast Complex Processes
303,751	A. Gach, M. Costes, M. Peuronnenc, and Y. Hartmann	Interface Mechanism for Controlling the Exchange of Information Between Two Devices
306,585	A. Blanc, P. Jeannot, and R. L. Leotard	Data Transmission System with a Digital Alarm Facility
310,728	M. Verhaeghe and P. Hauviller	Generation of the 4 LSB's in a 12 Bits Resistive
312,672	F. Marciano, M. Cukier, and P. Michel	Offset Correction Circuit on Sigma Delta Coder
331,857	C. Galand, J. Menez, and M. Rosso	Simplified CELP/LTP

Japan

1,660,818	K. Ohara	Feature Extraction Method in Character Recognition
1,660,821	T. Iwami	Image Synthesizing Circuit for CRT Display
1,660,832	S. Tezuka	Pseudorandom Number Generator
1,663,834	H. Yanagisawa and M. G. Tung	Method for Converting the Number of Bits of Image
1,663,891	M. Aramaki, S. Matsubara, and T. Shimizu	Display Controller

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1,663,907	S. Kawada	A Character Generator Having a Stroke Thickness Controller
1,671,363	A. Saito and J. Satoh	Detection of Table Movement
1,673,831	H. Takahashi and Y. Ninohira	Directional Feature Extraction for Characters
1,673,832	H. Takahashi and Y. Ninohira	Peripheral Feature Extraction for Characters
1,680,883	M. Numao and T. Fujisaki	Decomposition of Kanji Compound Sequences
United States		
5,103,763	M. P. Goldowsky and W. B. Pennebaker	Apparatus for Formation and Electrostatic Deposition of Charged Droplets
5,104,244	B. P. Eldred and F. A. Gregory	Printer Throat Control Mechanism
5,104,689	T. F. Hayden, C. A. Hicks, and R. A. Poole	Method and Apparatus for Automated Solder Deposition at Multiple Sites
5,104,695	S. E. Greer, E. E. Milham, and A. E. Wirsing	Method and Apparatus for Vapor Deposition of Material onto a Substrate
5,104,734	M. Anschel	Method for Improving Adhesion Between a Polyimide Layer and a Metal and the Article Obtained
5,104,944	M. J. Goldberg, D. P. Morris, and A. Viehbeck	Process for Nucleophilic Derivatization of Materials Having an Imide Group Conjugated to an Aromatic Moiety
5,105,069	P. A. Hakenewerth, G. D. Rohrer, and N. G. Stalberg	Self-Service Transaction Apparatus and Method
5,105,078	M. Nochi and K. Yamauchi	Apparatus and Method for Detecting Overlapped Paper Sheet Feed
5,105,290	H. Tomii, T. Nakano, and K. Terada	Liquid Crystal Display Device with an Inlet Sealant Containing Particles
5,105,353	P. G. Charles and G. A. Fisher, Jr.	Compressed LR Parsing Table and Method of Compressing LR Parsing Tables
5,105,415	M. Tayefeh	Detecting Magnetooptic and Intensity-Modulated Optical Signals with the Same Detector
5,105,470	T. A. Will	Method and System for Recognizing Characters
5,108,184	D. H. Brown, T. J. Chainer, and W. J. Sohn	Non-Invasive Laser Positioning System for Rotary Actuators
5,108,205	L. A. Stone	Dual Lever Paper Gap Adjustment Mechanism
5,108,541	M. S. Schneider, J. Acocella, L. W. Herron, M. R. Kordus, and L. H. Wirtz	Processes for Electrically Conductive Decals Filled with Inorganic Insulator Material
5,109,166	R. L. Coburn, C. R. Hoffman, and P. H. Sutterlin	Sinusoidal Signal Generator
5,109,167	F. A. Montegari	PNP Word Line Driver
5,109,226	N. H. MacLean, Jr., M. R. Patel, and R. A. Ripberger	Parallel Processors Sequentially Encoding/Decoding Compaction Maintaining Format Compatibility
5,109,267	O. Koblinger and H.-J. Trumpp	Method for Producing an Integrated Circuit Structure with a Dense Multilayer Metallization Pattern
5,109,318	J. Funari, T. C. Godown, S. D. Reynolds, and B. G. Sammakia	Pluggable Electronic Circuit Package Assembly with Snap Together Heat Sink Housing
5,109,336	R. L. Guenther, S. B. Rondeau, J. P. Spano, P. W. Van Leer, and M. C. Zelek	Unified Working Storage Management
5,109,337	K. M. Ferriter and P. R. Witt	Conceptual Design Tool
5,109,360	J. Inazumi, S. Inazumi, and J. Nakamoto	Row/Column Address Interchange for a Fault-Tolerant Memory System
5,109,385	J. M. Karp, S. W. Roach, R. C. Schneider, and S. C. West	Enhanced Data Formats and Machine Operations for Enabling Error Correction
5,109,413	L. D. Comerford and S. R. White	Manipulating Rights-to-Execute in Connection with a Software Copy Protection Mechanism
5,109,483	A. E. Baratz, J. E. Drake, Jr., G. A. Grover, J. P. Gray, M. R. Pollard, D. P. Pozefsky, and L. M. Rafalow	Node Initiating XID Exchanges Over an Activating Link Including an Exchange of Sets of Binding Signals Between Nodes for Establishing Sessions
5,109,484	D. R. Hughes and H. P. Posey	Self Configuring Terminal Which Polls Loop Network and Generates List of Connected Devices for Use in Selectively Downloading Control Programs
5,109,490	R. K. Arimilli, S. Dhawan, J. O. Nicholson, and D. W. Siegel	Data Transfer Using Bus Address Lines
5,109,496	W. F. Beausoleil and T.-K. Ng	Most Recently Used Address Translation System With Least Recently Used (LRU) Replacement
5,109,506	R. M. Begun	Microcomputer System Including a Microprocessor Reset Circuit
5,109,510	D. C. Baker, K. A. Bohrer, G. A. Flurry, P. Lucas, and J. R. Rhyné	System Concurrently Running Application Programs and Selectively Routing Device Input to Resource Controller Created Virtual Terminals and Realphysical Devices

5,109,512	J. E. Bahr, M. J. Corrigan, D. L. Knipfer, L. A. McMahon, and C. B. Metzger	Process for Dispatching Tasks Among Multiple Information Processors
5,109,601	D. G. McBride	Method of Marking a Thin Film Package
5,110,194	E. A. Zurfluh	Controlled Fiber-Optic Switch
5,110,711	E. D. Babich, J. D. Gelorme, M. Hatzakis, J. M. Shaw, K. J. Stewart, and D. F. Witman	Method for Forming a Pattern
5,111,059	G. K. Woodworth	Power Transfer Unit for Transferring Power Supplied to a Load Between Power Sources Responsive to Detected SCR Gate-Cathode Voltage
5,111,081	F. I. Atallah	Process Compensated Input Switching Threshold of a CMOS Receiver
5,111,240	U. C. Boettiger and B. Hafner	Method for Forming a Photoresist Pattern and Apparatus Applicable Therewith
5,111,389	K. P. McAuliffe, E. A. Melton, V. A. Norton, G. F. Pfister, and S. P. Wakefield	Aperiodic Mapping System Using Power-of-Two Stride Access to Interleaved Devices
5,111,417	J. Belloc, C. Galand, E. Lancon, A. Milewski, and M. Quentin	Digital Filter Sampling Rate Conversion Method and Device
5,111,468	W. J. Kozlovsky and W. Lenth	Diode Laser Frequency Doubling Using Nonlinear Crystal Resonator with Electronic Resonance Locking
5,113,565	T. M. Cipolla, P. W. Coteus, G. W. Johnson, P. Murphy, and C. W. Oden	Apparatus and Method for Inspection and Alignment of Semiconductor Chips and Conductive Lead Frames
5,114,018	R. E. Bischoff, M. A. Brandon, J. J. Caufield, L. G. Cook, and G. B. Uplinger	Versatile Product Carrier
5,114,518	J. G. Hoffarth, D. J. Lazzarini, and J. A. Welsh	Method of Making Multilayer Circuit Boards Having Conformal Insulating Layers
5,114,754	J. C. Cronin, P. A. Farrar, Sr., H. G. Linde, and R. A. Previti-Kelly	Passivation of Metal in Metal/Polyimide Structures
5,114,826	R. W. Kwong, H. S. Sachdev, and K. G. Sachdev	Photosensitive Polyimide Compositions
5,114,913	H. J. Coufal and M. L. Williams III	Magnetic Head Slider Employing Superconductor for Levitation
5,115,095	E. D. Babich, J. D. Gelorme, M. Hatzakis, J. M. Shaw, K. J. Stewart, and D. F. Witman	Epoxy Functional Organosilicon Polymer
5,115,143	A. S. Rohulich	Efficient p-Channel FET Drive Circuit
5,115,260	C. E. Hayward, G. W. Peterson, and R. E. Post	Compact Strain Relief Device for Fiber Optic Cables
5,115,500	L. D. Larsen	Plural Incompatible Instruction Format Decode Method and Apparatus
5,115,501	L. L. Kerr	Procedure for Automatically Customizing the User Interface of Application Programs