

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

2,659,680	H. D. Kiltbau	Method of Sensitizing Copper Surfaces with Sensitizing Solution Containing Stannous Ions, Precious Metal Ions and EDTA
2,849,749	A. Bohg	Method of Operating Electro-Optical Transducers, and Arrangement for Carrying Out Said Method
3,070,166,708	H. G. Seifert	Electromagnetic Release Mechanism for Print Hammers or the Like
3,070,320,908	H. J. Heinrich and D. Schuett	Interrupt Pre-Processor with Dynamic Allocation of Priority Levels to Requests Queued in an Associative Cam
3,070,394,708	H. H. Berger and S. K. Wiedmann	Multiaddressable Highly Integrated Semiconductor Storage
3,166,146,708	H. D. Matthaei	Type Belt for a Type Belt Printer
3,166,256,008	D. Bazlen	Arrangement in a Data Processing System to Reduce the Cycle Time
3,168,776,808	M. Briska and D. J. Bahr	Process for Generating a Sliding Layer on the Surface of an Aluminum Coated Record Carrier
3,168,785,708	L. Fischer, B. Gantz, and S. Padmanabhan	Print Actuator for Font Printing
3,168,838,108	E. F. Miersch, K. Pollmann, H. Schettler, and R. Zuehlke	Monolithically Integrated Push-Pull Driver
3,169,127,708	R. Clemen and W. Haug	Bootstrapped Level Shift Interface Circuit with Fast Rise and Fall Times
3,169,244,308	M. Briska	Process for Preparing a Polymerized, Heat-Stabilized Lacquer
3,169,251,608	W. H. Sakmann	Type Band and Band Printer with Automatic Print Band Recognition
3,262,262,708	K. H. Schaller and V. Zimmermann	Magnetic Disk Track Following Servo Burst Amplitude Drop Compensation

France

53,212	J. Cholat-Namy, P. Thirion, and S. Huon	Multiport Modem and the Use Thereof in a Method and a System for Testing a Multilevel Communication Network
55,320	G. Orenge and M. Verhaeghe	Voltage Comparator with a Wide Common Mode Input Voltage Range
68,059	H. Beranger and A. Brunin	Exclusive OR Circuit and Parity Checking Circuit Incorporating the Same

Japan

651,976	Y. Manabe and E. Konishi	Design for a Controller Unit
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Switzerland

71,666	G. K. Binnig, H. Nievergelt, H. Rohrer, and E. Weibel	Electric Travelling Support
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United Kingdom

54,588	P. A. Beaven	Interactive Data Retrieval Apparatus
61,547	A. R. Gourlay	Method and Apparatus for Tomographical Imaging

United States

4,449,580	A. Reisman, M. Berkenblit, and C. J. Merz III	Vertical Wall Elevated Pressure Heat Dissipation System
4,449,782	H.-E. Korth	Modular, Optical Fiber Communication System

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4,449,837	J. A. Craft	Ribbon Cartridge with Back Check
4,450,342	W. Goff, Jr., J. M. Rakes, and E. R. Williams	Thermal Print Head
4,450,493	R. B. Watrous	Magnetic Head Slider and Actuator Assembly
4,450,525	G. L. Demuth, J. E. Hinkle, and J. T. Moran	Control Unit for a Functional Processor
4,450,559	G. L. Bond and A. V. S. Satya	Memory System with Selective Assignment of Spare Locations
4,450,561	V. Götze and G. Potz	Method and Device for Generating Check Bits Protecting a Data Word
4,462,151	H. J. Geipel, Jr., R. R. Troutman, and J. M. Wursthorn	Method of Making High Density Complementary Transistors
4,462,462	R. E. Meagher and C. D. Ostergren	Thermal Conduction Piston for Semiconductor Packages
4,462,534	A. Bitailou, J. Masson, and J.-M. Lemoine	Method of Bonding Connecting Pins to the Eyelets of Conductors Formed on a Ceramic Substrate
4,462,701	J. S. Cyszczyewski, R. A. Pascoe, and J. M. Stafford	Printing System Wherein Justification Determination Is Shared Between a Host Processor and a Printer
4,463,059	S. Bhattacharya, D. A. Chance, N. G. Koopman, and S. K. Ray	Layered Metal Film Structures for LSI Chip Carriers Adapted for Solder Bonding and Wire Bonding
4,463,288	I. D. Judd	Cathode Ray Tube Drive Circuitry
4,463,342	G. G. Langdon, Jr., and J. J. Rissanen	Method and Means for Carry-Over Control in the High Order to Low Order Pairwise Combining of Digits of a Decodable Set of Relatively Shifted Finite Number Strings
4,463,344	R. L. Adler and M. Hassner	Method and Apparatus for Generating a Noiseless Sliding Block Code for a (2,7) Channel with Rate 1/2
4,463,386	R. D. Goddard, R. R. Schomburg, and W. L. Wohler	Facsimile Data Reduction
4,463,417	K. A. Bushaw, W. I. Branson, T. A. Rehage, and F. S. Shook	Modular, Processor-Controlled Document Distribution Terminal
4,463,418	J. T. O'Quin II, R. A. Vossman, and R. S. Wood	Error Correction From Remote Data Processor by Communication and Reconstruction of Processor Status Storage Disk
4,463,420	R. P. Fletcher	Multiprocessor Cache Replacement Under Task Control
4,463,424	R. L. Mattson and J. A. Rodriguez-Rosell	Method for Dynamically Allocating LRU/MRU Managed Memory Among Concurrent Sequential Processes
4,463,435	B. R. Cavill	Printer Control System with Controlled Acceleration and Deceleration
4,463,439	A. Weinberger	Sum and Carry Outputs with Shared Subfunctions
4,463,442	R. P. Dachowski and P. D. Motola	Emulation of Data Processing Display Terminals of Variable Screen Size on the Display of a Text Processor
4,463,444	P. R. Daniels, D. J. Moore, and H. H. Nguyen	Word Processing System Having a Formatting Bidirectional Printer
4,476,522	K. A. Bushaw, D. P. Rackley, and M. H. Woodward	Programmable Peripheral Processing Controller with Mode-Selectable Address Register Sequencing
4,476,524	D. T. Brown, D. W. Rain, and R. J. Schmalz	Page Storage Control Methods and Means
4,476,536	G. D. Jones, Jr.	Digital Sine Wave Synthesizing Method and Apparatus
4,476,623	B. El-Kareh	Method of Fabricating a Bipolar Dynamic Memory Cell
4,476,734	T. M. Banks, R. R. Ruckel, S. F. Spencer, and J. Q. Walker	Wet Needle Sampler for Use with a Gas Chromatograph
4,477,068	N. K. Arter, D. C. Estabrooks, and W. G. Jackson	Automatic Duplex Document Feeder
4,477,180	L. A. Bustamante	Photoconductor Advance System for Copiers and the Like
4,477,198	P. A. Bowlds, D. P. Dunn, R. D. Fathergill, H. T. Findlay, and D. W. Stafford	Modified Resistive Layer in Thermal Transfer Medium Having Lubricating Contact Graphite Coating
4,477,304	K. H. Westermann	Application Tool
4,477,484	F. Paoletti and S. A. Schubert	Electroless Plating Monitor
4,477,721	T. I. Chappell, D. W. Pohl, and J. M. Woodall	Electro-Optic Signal Conversion
4,477,729	T.-H. P. Chang and A. D. Wilson	Continuously Writing Electron Beam Stitched Pattern Exposure System
4,477,738	D. J. Kouba	LSSD Compatible Clock Driver
4,477,741	J. J. Moser, Jr.	Dynamic Output Impedance for 3-State Drivers
4,477,750	D. W. Collins, J. J. Neesz, and M. C. Stich	Multi-Level Disk Drive Motor Speed Control
4,477,819	M. H. Lee, A. Onton, and H. Wieder	Optical Recording Medium
4,477,846	P. E. Cottrell, J. E. Gersbach, and W. D. Pricer	Sensitive Amplifier Having a High Voltage Switch
4,477,872	J. J. Losq, G. S. Rao, and H. E. Sachar	Decode History Table for Conditional Branch Instructions
4,477,880	H. Advani, W. C. Cason, and G. E. Hayes	Method for Combining Program Diskettes in an Interactive Text Processing System
4,477,898	J. Cholat-Namy	Process for Determining Active Channel Configurations in a Multiplex Communications System and a System for Implementing Said Process