

Siemens AG

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Siemens (Berlin and Munich) is a global powerhouse in electrical engineering and electronics. The company has 461,000 employees working to develop and manufacture products, design and install complex systems and projects, and tailor a wide range of services for individual requirements. Siemens provides innovative technologies and comprehensive know-how to benefit customers in over 190 countries.

Founded more than 155 years ago, the company is active in the areas of Information and Communications, Automation and Control, Power, Transportation, Medical, and Lighting. In fiscal 2005 (ended September 30), Siemens had sales of €75.445 billion and net income of €2.248 billion.

Recent Publications by Siemens AG:



- [The fractional Talbot effect in differential x-ray phase-contrast imaging for extended and polychromatic x-ray sources.](#)
*The influence of different physical parameters, such as the source size...*20th November, 2008
Siemens- J Microsc. 2008 Oct;232(1):145-57. ([DOI Direct Link](#))
- [3D dynamic roadmapping for abdominal catheterizations.](#)
*Despite rapid advances in interventional imaging, the navigation of a...*6th November, 2008
Siemens AG Healthcare Sector AX, Forchheim, Germany- Med Image Comput Comput Assist Interv Int Conf Med Image Comput Comput
- [Extraction of semantic biomedical relations from text using conditional random fields.](#)
*BACKGROUND: The increasing amount of published literature in biomedicine...*8th August, 2008
Siemens AG, Corporate Technology, Information and Communications,- BMC Bioinformatics. 2008 Apr 23;9:207. ([DOI Direct Link](#))
- [Concepts of ISO for the monitoring of workers for internal exposure and the present approach for the](#)

[dose assessment.](#)

Besides ongoing developments in the dosimetry of incorporated... 24th April, 2008

Siemens AG, Corporate Radiation Safety and Dangerous Goods Transport,- Radiat Prot Dosimetry. 2007;124(3):266-73. Epub 2007 Oct 31. ([DOI Direct Link](#))

- [Segmentation of the left ventricle of the heart in 3-D+t MRI data using an optimized nonrigid temporal model.](#)
Modern medical imaging modalities provide large amounts of information in... 9th April, 2008
Siemens- IEEE Trans Med Imaging. 2008 Feb;27(2):195-203. ([DOI Direct Link](#))
- [Neural-network models for the blood glucose metabolism of a diabetic.](#)
We study the application of neural networks to modeling the blood glucose... 7th February, 2008
Dept. of Inf. and Commun., Siemens AG, Munich.- IEEE Trans Neural Netw. 1999;10(5):1204-13. ([DOI Direct Link](#))
- [Multi-agent modeling of multiple FX-markets by neural networks.](#)
We introduce an explanatory multi-agent approach of multiple FX-market... 6th February, 2008
Corp. Technol., Siemens AG, Munich.- IEEE Trans Neural Netw. 2001;12(4):735-43. ([DOI Direct Link](#))
- [Asymmetry in search.](#)
Most of the work on search in artificial intelligence (AI) deals with one... 5th February, 2008
Siemens AG, Wien.- IEEE Trans Syst Man Cybern B Cybern. 2001;31(5):791-6. ([DOI Direct Link](#))
- [Theory and application of passive SAW radio transponders as sensors.](#)
Surface acoustic wave (SAW) radio transponders make it possible to read... 5th February, 2008
Corp. Technol., Siemens AG, Munich.- IEEE Trans Ultrason Ferroelectr Freq Control. 1998;45(5):1281-92. ([DOI Direct Link](#))
- [Time domain evaluation of resonance antireflection \(RAR\) signals for ultrasonic density measurement.](#)
This paper presents an ultrasonic method for measuring the mass density of... 2nd February, 2008
Siemens AG, Munchen, Germany.- IEEE Trans Ultrason Ferroelectr Freq Control. 2000;47(6):1530-9. ([DOI Direct Link](#))
- [Theoretical studies on leaky-SAW properties influenced by layers on anisotropic piezoelectric crystals.](#)
Theoretical studies on the behavior of leaky-SAW (LSAW) properties in... 2nd February, 2008
Corp. Technol., Siemens AG, Munich.- IEEE Trans Ultrason Ferroelectr Freq Control. 2000;47(5):1235-40. ([DOI Direct Link](#))
- [Ultrasonic density sensor for liquids.](#)
This paper presents an ultrasonic density sensor for liquids that unifies... 2nd February, 2008
Siemens AG, Karlsruhe.- IEEE Trans Ultrason Ferroelectr Freq Control. 2000;47(1):85-92. ([DOI Direct Link](#))
- [Visualization of carrier depletion in semiconducting nanowires.](#)
Besides ongoing developments in the dosimetry of incorporated... 15th January, 2008
SIEMENS AG, Corporate Technology CT MM1, Gunther-Scharowsky-Strasse 1,- Small. 2007 Dec;3(12):2048-52. ([DOI Direct Link](#))
- [Calibration model of a dual gain flat panel detector for 2D and 3D x-ray imaging.](#)
The continuing research and further development in flat panel detector... 14th November, 2007
Siemens AG, Medical Solutions, Special System Division, Allee am- Med Phys. 2007 Sep;34(9):3649-64.

BioNews Results for Siemens AG



- [Learn about the Forensic Technologies: New and Growing Markets](#)
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- [Continua Health Alliance Advances Mission to Create Connected Personal Health Ecosystem](#)
PR Newswire: Oct 21 2008 3:32PM Matching: siemens ag

Siemens AG Patents:



- 7237453- [Acceleration pedal module with controllable friction device](#)
- 7273309- [Display device comprising a luminous element with an emission characteristic of controllable solid angle](#)
- 7274749- [Method and apparatus for the linearization of a radio frequency high-power amplifier](#)
- 7275522- [Method and apparatus for controlling a valve, and method and apparatus for controlling a pump-nozzle apparatus with the valve](#)
- 7275633- [Device for changing the direction of conveyance of flat postal items and the position of the postal items relative to their direction of conveyance](#)
- 7284706- [Smart card holder](#)
- 7286687- [Method for generating learning and/or sample probes](#)
- 7289085- [Combined instrument and structure provided with a combined instrument](#)

- [7289458- Method for transmitting data between a read/write device and a data memory, use of the method in an identification system and a read/write device and mobile data memory for an identification system](#)
- [7289787- System and method for calculation of telecommunication charges](#)
- [7290182- Software tool for monitoring faults in an automation device](#)
- [7271711- Device and method for determining a wheel position](#)
- [7268992- Power supply with disconnect fuse](#)
- [7237529- Throttle valve positioning device](#)
- [7237761- Valve having double wound lamellar ring](#)
- [7241114- Rotor for a centrifugal pump](#)
- [7242112- Control element or switching element for vehicles](#)
- [7248486- Energy efficient switching converter](#)
- [7259554- Angle position sensor with inner and outer magnetic rings](#)
- [7259776- Tachograph with cubic housing and printing device](#)
- [7263909- Drive device](#)
- [7266891- Method for sealing a throttle valve housing](#)
- [7267142- Method for increasing the torque of a pre-tensioned spring that is wound around a rotating body comprising a longitudinal axis](#)
- [7292934- Navigation system for a vehicle](#)
- [7300079- Arrangement having a lead seal for sealing an opening in a housing](#)
- [7303178- Additional control valve device for an inlet channel of a reciprocating internal combustion engine](#)
- [7347313- Method of equally spacing items in article handling systems](#)
- [7360002- Method of arbitrating access to a data bus](#)
- [7365996- Switched-mode power supply](#)
- [7367124- Method for the production of a throttle valve port](#)
- [7373613- Visualization of a comparison result of at least two data structures organized in directory trees](#)
- [7386735- Method for securing the authenticity of hardware and software in a networked system](#)
- [7388364- Device for covering the peak load](#)
- [7400641- Bus master for a bus for connection of sensors and/or ignition means](#)
- [7443853- Method for transmitting ethernet frames](#)
- [7444188- Method and human-machine-interface \(HMI\) system for controlling and monitoring a technical installation](#)
- [7346027- Method of uninterrupted software download in heterogeneous mobile communication networks](#)
- [7344016- Method and device for orienting flat items of mail towards a narrow edge](#)
- [7306219- Device for reversal of direction of planar letters](#)
- [7313610- Method and array for determining internet protocol addresses of a terminal array](#)
- [7321586- Method for establishing communication links in an exchange in a switching system](#)
- [7321752- Linear amplification arrangement with non-linear amplifier element for a mobile radio device](#)
- [7322711- Combined instrument](#)
- [7324017- Method for identifying a toll-required section of road](#)
- [7328090- Method for controlling the sequence of trains during traffic control](#)
- [7330773- Multiple insertion head](#)
- [7340399- System and method for eye tracking controlled speech processing](#)
- [7343219- Device used to organise flat packets according to a determined sequence](#)
- [7444617- Programming tool and programming method](#)

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