

EPA Patents: Air Toxics

| Patent # | Patent Title | Issue Date |
|-----------------|---|-------------------|
| 7,325,465 | Particle Matter Sampling Method and Sampler with a Virtual Impactor Particle Concentrator | 02/05/2008 |
| 6,820,417 | Exhaust Aftertreatment System and Method for an Internal Combustion Engine | 11/23/2004 |
| 6,777,374 | Process for Photo-Induced Selective Oxidation of Organic Chemicals to Alcohols, Ketones and Aldehydes Using Flame Deposited Nano-Structured Photocatalyst | 08/17/2004 |
| 6,165,251 | On-Line Gas Chromatograph with Sample Preparation, Concentration, and Calibration Apparatus for Measuring Trace Organic Species from Combustor Flue Gas | 12/26/2000 |
| 6,152,988 | Enhancement of Electrostatic Precipitation with Precharged Particles and Electrostatic Field Augmented Fabric Filtration | 11/28/2000 |
| 6,117,328 | Adsorbent-Filled Membranes for Pervaporation | 09/12/2000 |
| 6,063,305 | Refrigerant Compositions Containing a Hydrofluoropropane and a Hydrofluorocarbon | 05/16/2000 |
| 5,974,822 | Rotating Disk Evaporative Cooler | 11/02/1999 |
| 5,972,301 | Minimizing Emission of Hexavalent Chromium from Combustion Sources | 10/26/1999 |
| 5,867,994 | Dual-Service Evaporator System for Refrigerators | 02/09/1999 |
| 5,832,468 | Method for Improving Process Control by Reducing Lag Time of Sensors Using Artificial Neural Networks | 11/03/1998 |
| 5,788,741 | Virtual Impactor Process for Removing Particles from an Air Stream | 08/04/1998 |
| 5,652,485 | Fuzzy Logic Integrated Electrical Control to Improve Variable Speed Wind Turbine Efficiency and Performance | 07/29/1997 |
| 5,650,089 | Refrigerant Compositions with Fluorinated Dimethyl Ether and either Difluoroethane or Cyclopropane, and use thereof | 07/22/1997 |
| 5,604,348 | Measurement of Acid Sulfate Levels in Aerosols | 02/18/1997 |
| 5,601,791 | Electrostatic precipitator for collection of multiple pollutants | 02/11/1997 |
| 5,427,994 | Lignosulfonate-Modified Calcium Hydroxide for SO ₂ Control During Furnace Injection | 06/27/1995 |
| 5,411,707 | Vacuum Extractor Incorporating a Condenser Column | 05/02/1995 |
| 5,406,805 | Tandem Refrigeration System | 04/18/1995 |
| 5,401,481 | Processes for Removing Acid Components from Gas Streams | 03/28/1995 |
| 5,318,937 | Ruthenium-Containing Perovskite Materials, Catalysts and Methods | 06/07/1994 |
| 5,272,428 | Fuzzy Logic Integrated Control Method and Apparatus to Improve Motor Efficiency | 12/21/1993 |
| 5,270,015 | Apparatus for Removing Sulfur from Sulfur Containing Gases | 12/14/1993 |

EPA Patents - Air Toxics continued...

| Patent # | Patent Title | Issue Date |
|-----------------|---|-------------------|
| 5,217,511 | Enhancement of Electrostatic Precipitation with Electrostatically Augmented Fabric Filtration | 06/08/1993 |
| 5,064,526 | Method for the Base-Catalyzed Decomposition of Halogenated and Non-Halogenated Organic Compounds in a Contaminated Medium | 11/12/1991 |
| 5,059,219 | Electroprecipitator with Alternating Charging and Short Collector Sections | 10/22/1991 |
| 5,019,175 | Method for the Destruction of Halogenated Organic Compounds in a Contaminated Medium | 05/28/1991 |
| 4,885,139 | Combined Electrostatic Precipitator and Acidic Gas Removal System | 12/05/1989 |
| 4,882,309 | Lignosulfonate-Modified Calcium Hydroxide for SO ₂ Control During Furnace Injection | 11/21/1989 |
| 4,822,381 | Electroprecipitator with Suppression of Rapping Reentrainment | 04/18/1989 |
| 4,786,485 | Lignosulfonate-Modified Calcium Hydroxide for SO ₂ Control During Furnace Injection | 11/22/1988 |