

## EPA Patents: Waste

<b>Patent #</b>	<b>Patent Title</b>	<b>Issue Date</b>
7,341,667	Process for Reduction of Inorganic Contaminants from Waste Streams	03/11/2008
7,320,753	Anaerobic Digester System for Animal Waste Stabilization and Biogas Recovery	01/22/2008
7,252,986	Process for the Biodegradation of Hydrocarbons and Ethers in Subsurface Soil by Introduction of a Solid Oxygen Source by Hydraulic Fracturing	08/07/2007
7,186,339	Anaerobic Digester System for Animal Waste Stabilization and Biogas Recovery	03/06/2007
7,166,228	Method of Treating a Subsurface Formation with Ferrous Iron to Reduce Contaminants to Harmless Species	01/23/2007
6,881,364	Hydrophilic Mixed Matrix Materials Having Reversible Water Absorbing Properties	04/19/2005
6,821,425	Biomass Concentrator Reactor	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
6,755,975	Separation Process Using Pervaporation and Dephlegmation	06/29/2004
6,670,145	Method for Detection of Total Coliforms and E. Coli	12/30/2003
6,663,781	Contaminant Adsorption and Oxidation Via the Fenton Reaction	12/16/2003
6,655,402	System and Method for Vacuum Flushing Sewer Solids	12/02/2003
6,489,157	Medium for Cultivating Microorganisms	12/03/2002
6,387,652	Method of Identifying and Quantifying Specific Fungi and Bacteria	05/14/2002
6,306,621	Membrane Filter Agar Medium for Simultaneous Detection of Total Coliforms and E. Coli	10/23/2001
6,306,301	Silica-Based Membrane Sorbent for Heavy Metal Sequestration	10/23/2001
6,207,073	Remediation of Environmental Contaminants Using a Metal and a Sulfur-Containing Compound	03/27/2001
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
6,139,742	Membrane-Based Sorbent for Heavy Metal Sequestration	10/31/2000
6,117,328	Adsorbent-Filled Membranes for Pervaporation	09/12/2000
6,103,121	Membrane-Based Sorbent for Heavy Metal Sequestration	08/15/2000

## *EPA Patents - Waste continued...*

<b>Patent #</b>	<b>Patent Title</b>	<b>Issue Date</b>
6,100,382	Method and Composition for Remediating Environmental Contaminants	08/08/2000
6,039,882	Remediation of Environmental Contaminants Using a Metal and a Sulfur-Containing Compound	03/21/2000
6,039,878	Recovery of Volatile Organic Compounds from Emulsion of Volatile Organic Compounds in Water by Pervaporation	03/21/2000
5,972,301	Minimizing Emission of Hexavalent Chromium from Combustion Sources	10/26/1999
5,916,438	Removal of Hydrogen Sulfide from Anaerobic Digester Gas	06/29/1999
5,858,763	Thermophilic Methanotrophs for High Temperature Oxidations	01/12/1999
5,788,741	Virtual Impactor Process for Removing Particles from an Air Stream	08/04/1998
5,711,020	Method for Remediating Environmental Contaminants	01/20/1998
5,577,522	Transportable, Electronically Controlled System for On-Site Decontamination of Solid and Hazardous Waste	11/26/1996
5,512,702	Method for In-Situ Immobilization of Lead in Contaminated Soils, Wastes, and Sediments Using Solid Calcium Phosphate Materials	04/30/1996
5,451,249	Landfill Gas Treatment System	09/19/1995
5,427,994	Lignosulfonate-Modified Calcium Hydroxide for SO <sub>2</sub> Control during Furnace Injection	06/27/1995
5,411,707	Vacuum Extractor Incorporating a Condenser Column	05/02/1995
5,401,481	Processes for Removing Acid Components from Gas Streams	03/28/1995
5,272,910	Vadose Zone Monitoring System Having Wick Layer Enhancement	12/28/1993
5,270,015	Apparatus for Removing Sulfur from Sulfur Containing Gases	12/14/1993