Inexpensive Non-Zero Valent Iron for Remediation

Tulane University is actively seeking companies interested in commercializing a method of use for specialized compounds shown to remediate chlorinated hydrocarbons from deep-seated ground water.

Applications

Provides for the effective treatment of contaminated groundwater by degrading chlorinated hydrocarbons into ethylene, which is quickly dissipated.

Advantages

This compound is constructed of carbon and cellulose and has the advantage of being effective without the addition of Gold or Palladium. The nano-scale particles can be produced with diameter in mind allowing for soil-specific flow rates.

Technology

This technology has been tested extensively with promising lab results. Large-scale field tests are being vetted to prove expected clean-up results. Laboratory work is ongoing to produce more uses of this compound.

Inventors

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