Conductive Ceramic Coated Anodes for Cathodic Protection

Cathodic protection of metallic structures buried in the soil or immersed in water uses anodes through which an electric current is passed and which eventually are consumed. USACERL developed a breakthrough in cathodic protection with the ceramic anode which is tough and long lasting. The ceramic anode consists of a titanium metal (valve metal) substrate coated with a precious mixed metal oxide film. Ceramic anodes have been patented and are now commercial products.

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