

Abstract**Device And Method For Electro-Fenton Process Using a Carbon Electrode And Its Application For Removal Of Organic Pollutants**

Disclosed herein is an electro-Fenton apparatus that requires a non-graphene carbon cathode that is coated with graphene, where said cathode may be paired with any suitable anode, such as a boron-doped diamond anode. Also disclosed herein is the use of said cathode in an electro-Fenton process and said process itself.

[FIG. 1]