

Abstract

Title: NOVEL FUEL CELL CATHODES AND THEIR FUEL CELLS

Fuel and cell cathodes (1c) and instant startup fuel cells (7) employing the cathode (1c). The cathodes (1c) operate through the mechanism of redox couples which uniquely provide multiple degrees of freedom in selecting the operating voltages available for such fuel cells (7). Such cathodes (1c) provide the fuel cells (7) in which they are used a "buffer" or "charge" of oxidizer available within the cathode at all times, as shown in Figure 1 B.



G00002



162162