

ABSTRACT OF THE DISCLOSURE

METHODS AND APPARATUS TO FORM BIOCOMPATIBLE ENERGIZATION ELEMENTS INCORPORATING FUEL CELLS FOR BIOMEDICAL DEVICES

Methods and apparatus to form biocompatible energization elements are described. In some embodiments, the methods and apparatus to form the biocompatible energization elements involve forming cavities into a fuel cell. The active elements of a cathode, anode, membrane and fuel storage are sealed with a laminate stack of biocompatible material. In some embodiments, a field of use for the methods and apparatus may include any biocompatible device or product that requires energization elements.

Figure 1A