ABSTRACT OF THE INVENTION

METHODS TO FORM BIOCOMPATIBLE ENERGIZATION ELEMENTS FOR BIOMEDICAL DEVICES COMPRISING LAMINATES AND DEPOSITED SEPARATORS

Methods and apparatus to form biocompatible energization elements are described. In some examples, the methods and apparatus to form the biocompatible energization elements involve forming cavities comprising active cathode chemistry and depositing separators within a laminate structure of the battery. The active elements of the cathode and anode are sealed with a laminate stack of biocompatible material. In some examples, a field of use for the methods and apparatus may include any biocompatible device or product that requires energization elements.

Figure 4

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Figure 5