

Title (en)

TISSUE-FASTENING ARTICLES AND DEVICES, AND RELATED METHODS

Title (de)

GEWEBEBEFESTIGUNGSARTIKEL UND VORRICHTUNGEN UND RELEVANTE VERFAHREN

Title (fr)

ARTICLES ET DISPOSITIFS POUR SUTURE DE TISSUS, ET PROCÉDÉS CONNEXES

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Application

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Abstract (en)

[origin: WO2009102776A2] Suitable tissue-fastening articles and devices that can incorporate and/or be encapsulated by one or more polyphosphazenes are provided, including various surgical fastening devices ('SFD'), sutures, surgical staples, screws, and other equivalent tissue-fastening devices, which exhibit excellent mechanical and physical tolerance properties, in order to improve the biocompatibility of such sheathed implanted devices, and to prevent or diminish various secondary injuries following a treatment or an implantation. The polyphosphazenes coating of various tissue-fastening articles and devices imparts substantial advantages to such articles and devices, including the prevention or minimization of uncontrolled cellular growth, and reduction in various inflammatory reactions following the implantation of a foreign material into a patient's body, and thereby, reducing the amount of antibiotics necessary to treat infections attendant with such implantation and subsequent inflammatory reactions.

IPC 8 full level

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