

Title (en)
IMPLANT ANCHOR SYSTEMS

Title (de)
SYSTEM ZUR FIXIERUNG EINES IMPLANTATS

Title (fr)
SYSTEMES DE FIXATION D'IMPLANT

Publication
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Application
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Abstract (en)
[origin: WO0069345A1] The present invention provides anchoring mechanisms for tissue implants. The anchors (4) are integrated as part of the structure of the implant, and serve to resist migration of the implant from highly dynamic muscle tissue such as the myocardium of the heart. In implant devices configured as a flexible coil (8), various attributes of the coil may be altered to increase the anchoring capability of the device. The flexibility of the device may be increased to resist migration by changing the coil filament thickness, and pitch or filament material. Alternatively, the end coil may be altered to have a broader cross-sectional profile in engagement with the tissue or may include an anchoring barb. Additionally, methods of implanting a tissue implant device are provided.

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