

Title (en)
LEAD SYSTEM

Title (de)
STIMULATIONSELEKTRODENANORDNUNG

Title (fr)
DISPOSITIF D'ELECTRODES

Publication
EP 1037690 A2 20000927 (EN)

Application
EP 98965996 A 19981217

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- US 99203997 A 19971217
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- US 12101898 A 19980722
- US 12100698 A 19980722
- US 12101998 A 19980722
- US 12100598 A 19980722
- US 12128898 A 19980722
- US 12102098 A 19980722
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Abstract (en)
[origin: WO9930772A2] A single-pass endocardial lead electrode for implantation within a single chamber of the heart, or multiple chambers of the heart. The lead includes a first distal end electrode and a second electrode. The first and second electrodes are either passively or actively attached to the wall of the heart. The lead body also includes a curved portion which facilitates the positioning of the second electrode. The main lead body alternatively includes a recess into which an atrial lead body and an active fixation element attached to one end can travel from a recessed position to a position for fixation to the wall of the heart. The active fixation element can also be moved by turning the terminal pin. The lead body can also include multiple legs, each leg carrying an electrode. The lead is attached to a pulse generator for producing pulses to the multiple sites within the heart. A movement assembly for advancing a helix is also included within the legs and comprises an externally threaded collar which engages with an internally threaded housing or housing insert. The lead further includes a helical tip which has high impedance.

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