Abstract

An implantable system for stimulating a human heart or an animal heart, comprising a processor (340), a memory unit (350), a stimulation unit (320) for stimulating a His bundle of a human heart or an animal heart, and a detection unit (330) for detecting an electrical signal of the same heart. It is provided that the memory unit (350) includes a computer-readable program, which prompts the processor (340) to carry out the following steps when the program is being executed on the processor (340): a) carrying out a cardiac stimulation by way of the stimulation unit (320); b) detecting a cardiac electrical signal, which was generated by a cardiac excitation as a result of the cardiac stimulation carried out beforehand, by way of the detection unit (330); c) ascertaining an excitation state of a heart stimulated by the cardiac stimulation based on the electrical signal; d) classifying the excitation state into one of at least three classes; and e) automatically adapting at least one control parameter of the system (300) as a function of the classification that was carried out.

FIG. 3