Abstract

An implantable medical device (110) for generating electrical stimulations (240, 241, 250), wherein the medical device (110) is embodied to generate and emit, during a first stimulation phase (200), at least one first stimulation (240, 241) that has a first amplitude by means of energy from an energy storage element (125), and wherein the medical device (110) is embodied, during a second stimulation phase (210) following the first stimulation phase (200), to generate and emit at least one second stimulation (250) that has a second amplitude by means of energy from the energy storage element (125), wherein the energy storage element (125) is charged at least prior to the generation of the at least one first stimulation (240, 241) and after the generation of the at least one first stimulation (240, 241), and wherein the medical device (110) is embodied not to completely discharge the energy storage element (125) by generating the at least one first stimulation (240, 241). The energy of the at least one stimulation (240) or the total energy of a plurality of first stimulations (240, 241) in the first stimulation phase (200) is less than the energy of the at least one second stimulation (250) or is less than the total energy of a plurality of second stimulations (250) in the second stimulation phase (200). Also a method for controlling such a device.

Fig. 1