PASSIVE FIXATION OF AN IMPLANTABLE ELECTRODE LEAD BY MEANS OF COMPRESSIBLE ANCHORING ELEMENTS

ABSTRACT

The present invention relates to an implantable device (1), comprising: an end section (10) of the implantable device (1), and at least one or a plurality of anchoring elements (20) connected to the end section (10) for anchoring the end section (10) of the implantable device (1) in the tissue of a patient, wherein the respective anchoring element (20) extends in an extension direction (E) of the respective anchoring element (20). According to the invention, it is provided that the respective anchoring element (20) has an elastically compressible design, wherein the respective anchoring element (20) can be arranged in a compressed state in which the respective anchoring element (20) is folded toward the end section (10), and wherein the respective anchoring element (20) is designed to automatically move into an expanded state in which the respective anchoring element (20) projects from the end section (10) at an angle of incidence (A), wherein the respective anchoring element (20) comprises at least one first lamella (21) and a second lamella (22) connected to the first lamella (21), and wherein the two lamellae (21, 22) extend along the extension direction (E) of the respective anchoring element (20) and include a first angle (W1) with one another in a plane perpendicular to the extension direction (E) of the respective anchoring element (20).

FIG. 1