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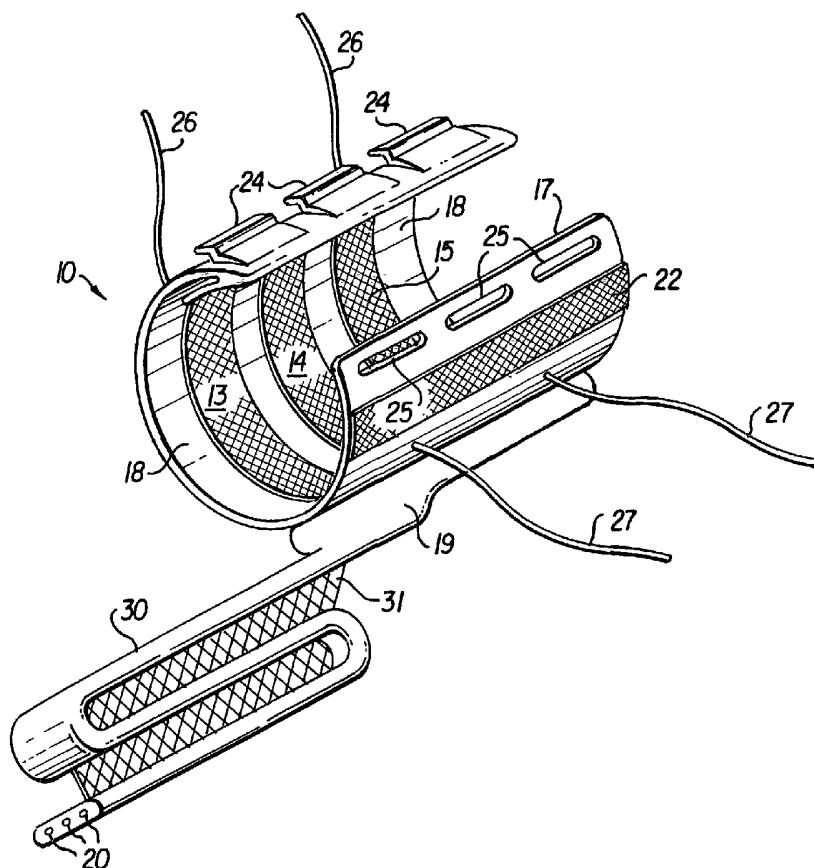
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[Continued on next page]

(54) Title: CIRCUMNEURAL ELECTRODE ASSEMBLY



(57) Abstract: An electrode assembly (10) to be installed on a patient's nerve has a thin, flexible, electrically insulating circumneural carrier (18) with a split circumferential configuration (17) longitudinally attached to a lead (19) at the distal end thereof. The carrier (18) possesses circumferential resiliency and has at least one flexible, elastic electrode (13-15) secured to the underside thereof and electrically connected to an electrical conductor in said lead (19). A fastener (24) serves to close the split configuration (17) of the carrier (18) to prevent separation from the nerve after installation of the electrode assembly (10) onto the nerve. Tear away webbing (26) secured to adjacent serpentine segments of the lead (19) near the carrier (18) enables the lead (19) to lengthen with patient movements.



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INTERNATIONAL SEARCH REPORT

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PCT/US02/25435

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61N 1/05

US CL : 607/118

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 607/118

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,940,065 A (TANAGHO et al) 10 July 1990 (10.07.1990), Figs.3 and 6; col.3, lines 44-49.	1-3,10,11
X	US 5,265,608 A (LEE et al) 30 November 1993 (30.11.1993), Figs.2 and 4; col.3, lines 26-45 and lines 46-57.	1,2,10,19,26,27
X	US 5,634,462 A (TYLER et al) 03 June 1997 (03.06.1997), Figs.2-5.	1,2

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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