

Title (en)
ELECTRICALLY ADJUSTABLE STOMA OPENING

Title (de)
ELEKTRISCH VERSTELLBARE STOMAÖFFNUNG

Title (fr)
ORIFICE DE STOMIE A REGLAGE ELECTRIQUE

Publication
EP 1435882 A1 20040714 (EN)

Application
EP 02765739 A 20020904

Priority
• SE 0201575 W 20020904
• US 31716401 P 20010906

Abstract (en)
[origin: WO03020182A1] An apparatus for forming a stoma opening in the stomach (1) or oesophagus of a patient includes a constriction device (2) applied on the patient's stomach or oesophagus and including an elongate adjustable constriction member extending around and constricting the stomach or oesophagus to form the stoma opening therein and an electrically powered adjustment device that adjusts the constriction member to change the size of the stoma opening. An electric power supply (14) is subcutaneously implanted in the patient remote from the constriction device and an insulated electric wire (18) connects the power supply and the electrically powered adjustment device. The electric wire is resilient and extends helically between the electric power supply and the electrically powered adjustment device. As a result, the resilient helically extending electric wire (18) is capable of addressing the dynamic movements from the stomach and oesophagus, because it may easily be temporarily extended without risking breakage.

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A61F 5/00

IPC 8 full level
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CPC (source: EP)
A61B 17/1322 (2013.01); **A61F 5/0053** (2013.01); **A61F 5/0066** (2013.01)

Citation (search report)
See references of WO 03020182A1

Citation (examination)
• US 6235990 B1 20010522 - MORRIS JEFFREY M [US], et al
• WO 9820590 A1 19980514 - SULZER INTERMEDICS INC [US]
• US 4000745 A 19770104 - GOLDBERG EDWARD M

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