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(54) **Suture clip applier**

(57) Suture clip appliers (e.g. 100), suture clips (e.g. 150) and methods of their use for securing sutures during an endoscopic or laparoscopic procedure are provided, wherein the method includes the steps of providing a suture clip applier (100) having a working tip (140) configured to retain and fire a suture clip (150); providing a suture clip (150) having a biased closed configuration; loading the suture clip (150) into the working tip (140) of the clip applier (100); translating the suture clip (150) distally relative to the working tip (140) to a first position wherein the suture clip (150) is splayed open; inserting a suture into the opened suture clip (150); and translating the suture clip (150) distally relative to the working tip (140) such that the suture clip (150) is ejected from the working tip (140) and biased to the closed configuration to close on and to retain the suture.

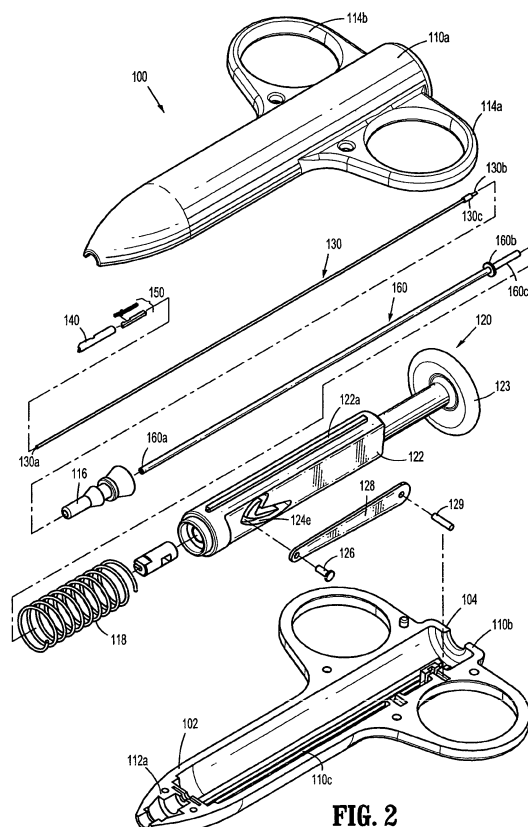


FIG. 2



EUROPEAN SEARCH REPORT

Application Number
EP 10 25 1798

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) A61B
Place of search Munich		Date of completion of the search 12 December 2013	Examiner Strazdauskas, Gedas
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 10 25 1798

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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外部链接	Espacenet		

摘要(译)

提供缝合夹施加器（例如100），缝合夹（例如150）及其在内窥镜或腹腔镜手术期间用于固定缝合线的方法，其中该方法包括提供具有工作尖端的缝合线施夹器（100）的步骤（140），用于保持和点燃缝合夹（150）；提供具有偏置闭合配置的缝合夹（150）；将缝合夹（150）装入夹子施放器（100）的工作尖端（140）；将缝合夹（150）相对于工作尖端（140）向远侧平移到第一位置，其中缝合夹（150）张开；将缝线插入打开的缝线夹（150）中；并且将缝合夹（150）相对于工作尖端（140）向远侧平移，使得缝合夹（150）从工作尖端（140）弹出并偏置到闭合构型以闭合并保持缝合线。

