

GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

Published:

- *with international search report (Art. 21(3))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*
- *in black and white; the international application as filed contained color or greyscale and is available for download from PATENTSCOPE*

(88) Date of publication of the international search report:

08 August 2019 (08.08.2019)

INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2018/060061

A. CLASSIFICATION OF SUBJECT MATTER
 INV. A61B17/072 A61B34/30 A61B34/35
 ADD. A61B17/00 A61B17/29 A61B34/00 A61B90/00

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)
 A61B

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)
 EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2014/001234 A1 (SHELTON IV FREDERICK E [US] ET AL) 2 January 2014 (2014-01-02) paragraphs [0385] - [0391]; figures 157-170 -----	1,2,6, 8-11,15, 17-20
X	EP 1 611 857 A1 (ETHICON ENDO SURGERY INC [US]) 4 January 2006 (2006-01-04) paragraphs [0026] - [0049]; figures 1-12 -----	1,2,6, 8-11,15, 17-20 7
Y	US 2016/174976 A1 (MORGAN JEROME R [US] ET AL) 23 June 2016 (2016-06-23) paragraphs [0138] - [0143]; figures 1-3, 9-11 ----- -/--	1,2,6,7, 9-11,15, 16,18-20

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search 28 June 2019	Date of mailing of the international search report 10/07/2019
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer Kink, Thomas
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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2018/060061

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2012/138660 A1 (SHELTON IV FREDERICK E [US]) 7 June 2012 (2012-06-07)	7
A	paragraphs [0397] - [0400]; figures 166-171	16
A	----- US 2017/281189 A1 (NALAGATLA ANIL K [US] ET AL) 5 October 2017 (2017-10-05)	1,8-10, 17-20
A	paragraphs [0338] - [0362]; figures 39-58	
A	----- US 5 318 221 A (GREEN DAVID T [US] ET AL) 7 June 1994 (1994-06-07)	1,10,19
A	column 14, line 63 - column 19, line 24; figures 24-32B	
A	----- US 2010/264193 A1 (HUANG ZHIFAN F [US] ET AL) 21 October 2010 (2010-10-21)	7,16
	paragraphs [0206] - [0216], [0220]; figures 68-86, 94	

INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB2018/060061

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-6, 8-15, 17-20

Surgical stapler with a dual lock mechanism to selectively block the movement of one of the closure member or firing member depending on the status of the other.

2. claims: 1, 7, 10, 16

Surgical stapler with a single lock mechanism to block the movement of firing member depending on the status of the closure member.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2018/060061

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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