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BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

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(54) Title: DEVICES AND KITS FOR ASSISTING IN OPEN SURGERIES

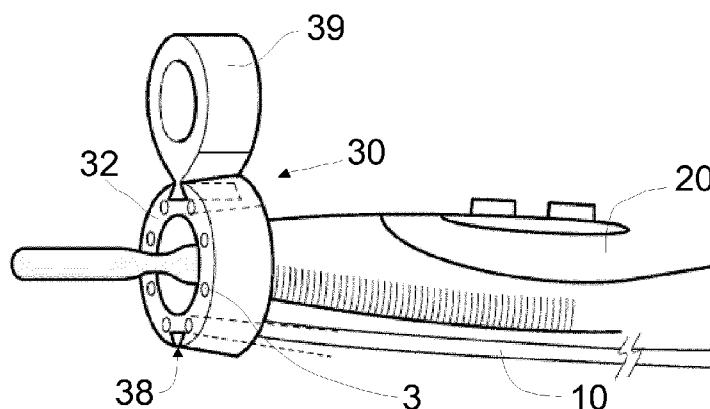


FIG. 1A

(57) Abstract: Various examples of devices and kits for assisting in and illuminating medical procedures are disclosed. The devices may be attached to handheld medical tools. Also disclosed are various examples of medical procedures that may be carried out using the devices or kits. Also discloses are various examples for mounting auxiliary medical tools to a device mounted on a primary medical tool.

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2016/064960

A. CLASSIFICATION OF SUBJECT MATTER

INV. A61B18/00 G06F3/0354 A61B90/30 A61B90/57
ADD.

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 G06F A61C

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)

EP0-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 4 686 972 A (KURLAND KENNETH Z [US]) 18 August 1987 (1987-08-18) column 2, line 4 - line 38; figures -----	1-5,8-13
X	WO 2007/038998 A1 (MEDSYS S A [BE]; ANDRE JACQUES [BE]; FERRIERE LAURENT [BE]; POLET ROLA) 12 April 2007 (2007-04-12) page 14, line 20 - page 29, line 10; figures 5-10 -----	1-6,8-13
A	WO 2004/054626 A2 (GMP SURGICAL SOLUTIONS INC [US]; SOLOVAY KENNETH S [US]; LAYER JAMES H) 1 July 2004 (2004-07-01) paragraphs [0004], [0008] - [0012]; figures 1-4, 15-19 ----- -/--	1-13



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

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

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"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

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"&" document member of the same patent family

Date of the actual completion of the international search

12 January 2017

Date of mailing of the international search report

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Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 693 021 A1 (MORITA MFG [JP]) 23 August 2006 (2006-08-23) paragraph [0040] paragraph [0148] - paragraph [0345]; figures -----	1-13
X	EP 2 502 553 A1 (TYCO HEALTHCARE [US]) 26 September 2012 (2012-09-26) paragraphs [0040], [0045]; figures 11, 16 -----	14-21, 24-28, 30-42
X	US 2002/022764 A1 (SMITH MAURICE M [US] ET AL) 21 February 2002 (2002-02-21) paragraph [0114] - paragraph [0134]; figures 13-23, 32, 35 paragraph [0159] - paragraph [0166] -----	14-16, 18-21, 27-42
A	WO 83/00992 A1 (CAWOOD CHARLES DAVID) 31 March 1983 (1983-03-31) page 6, last line - page 9, line 30; figures 2-5 -----	14-42
A	FR 2 066 033 A5 (SIEMENS AG) 6 August 1971 (1971-08-06) page 2, last paragraph - page 3, line 25; figures -----	14-42
A	WO 2014/173932 A1 (VALUEBIOTECH S R L [IT]) 30 October 2014 (2014-10-30) page 12, line 9 - line 13; figure 17 -----	14-42

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2016/064960

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.: 43-48
because they relate to subject matter not required to be searched by this Authority, namely:
Rule 39.1(iv) PCT - Method for treatment of the human or animal body by surgery
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: 1-13

A kit for assisting in an open surgery, comprising :a base configured to be mounted on a portion of a handheld medical tool; and an appendage configured to be removably fixed to the base and having a receptacle configured to receive an auxiliary medical device.

2. claims: 14-42

A device for assisting in an open surgery, comprising: a base configured to be mounted on a portion of a handheld medical tool;an illumination device mounted on the base such that when the base is attached to the handheld medical tool, the illumination device is directed towards a distal end of the handheld medical tool; and an appendage to the base having a receptacle configured to receive an auxiliary medical device.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/EP2016/064960

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