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UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ,
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(54) Title: CLIP PUSHING MECHANISM FOR SURGICAL CLIP APPLICATOR

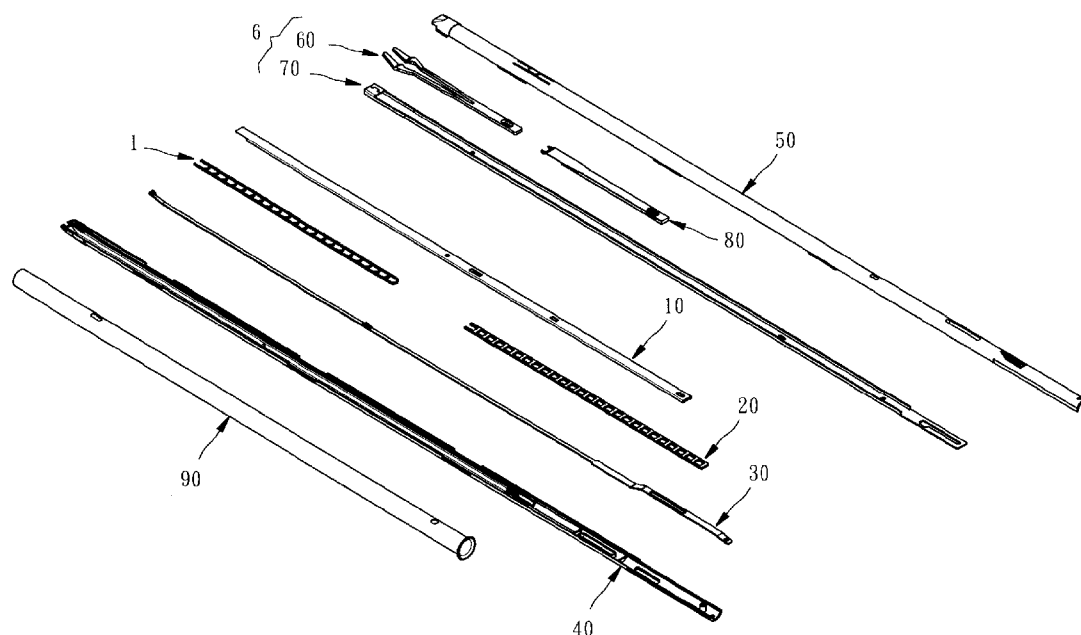


FIG. 2

(57) Abstract: A clip pushing mechanism used in a surgical clip applicator for loading and pushing clips (1) that are arranged in series with a clip pitch defined between each two adjacent of said clips (1) is disclosed. The clip pushing mechanism includes a clip holder bar (10) including an accommodation channel for accommodating the clips (1) in a series, a clip feeding ladder member (20) including a clip pushing portion and a plurality of driven portions spaced along a length thereof with a pitch defined between each two adjacent of said driven portions, and a clip pusher (30) including a body, a front pusher for pushing a leading clip (1) and a rear pusher for pushing each driven portion of the clip feeding ladder member (20).

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,
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A. CLASSIFICATION OF SUBJECT MATTER
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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

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 6 277 131 B1 (KALIKOW IRVING [US]) 21 August 2001 (2001-08-21)	1-4
A	figures 1-6 column 4, line 66 - column 6, line 46 -----	5-10
X	US 2014/379003 A1 (BLAKE III JOSEPH W [US] ET AL) 25 December 2014 (2014-12-25)	1-7
A	figures 16-24 paragraphs [0106] - [0123] -----	8-10
A	CN 105 555 207 A (HANGZHOU OPTACLA MEDICAL INSTR CO LTD) 4 May 2016 (2016-05-04) the whole document -----	1-10

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6277131	B1	21-08-2001	NONE	

US 2014379003	A1	25-12-2014	NONE	

CN 105555207	A	04-05-2016	CN 105555207 A	04-05-2016
			US 2018070948 A1	15-03-2018
			WO 2016183742 A1	24-11-2016
