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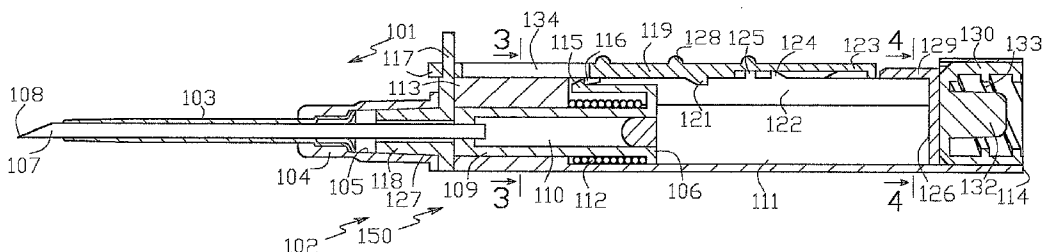
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(54) Title: CATHETER PLACEMENT DEVICE



(57) Abstract: A catheter placement device (see fig. 2) includes a needle unit, which in an initial position is releasably engaged with a housing distal end and has a sharp needle passing through a catheter and protruding distally of it. There is also a telescopic protector including guard unit, which is sliding in a housing guide. After inserting the needle into patient's vein, operator one-handedly pushes the guard unit distally, thereby emplacing the catheter, displacing the protector into a full length position and locking therein, and passively disengaging the needle unit from the housing by a trigger cam located on the guard unit. As a result, a retracting spring moves a needle into retracted position, wherein it is protected from any contact with personal. Then, operator disconnects the guard from the catheter, turns the housing and occludes the catheter entrance with a cap, which was detachably mounted on the housing.




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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC: A61M 5/178(2006.01) USPC: 604/164.01 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) U.S. : 604/164.01,158,162,164.08,164.12,165.01,168.01 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) EAST and inventor searched: needle cannula, catheter, protector / shield /cover, lock\$, retain\$, spring,		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,090,078 A (ERSKINE) 18 July 2000, see entire patent.	1-19
A	US 5,989,220 A (SHAW et al.) 23 November 1999. See entire patent.	1-19
A	US 5,746,215 A (MANJARREZ) 05 May 1998, See entire patent	1-19
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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"O"	document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201		Authorized officer LoAn H. Thanh Telephone No. (571)272-4966  LOAN H. THANH PRIMARY EXAMINER