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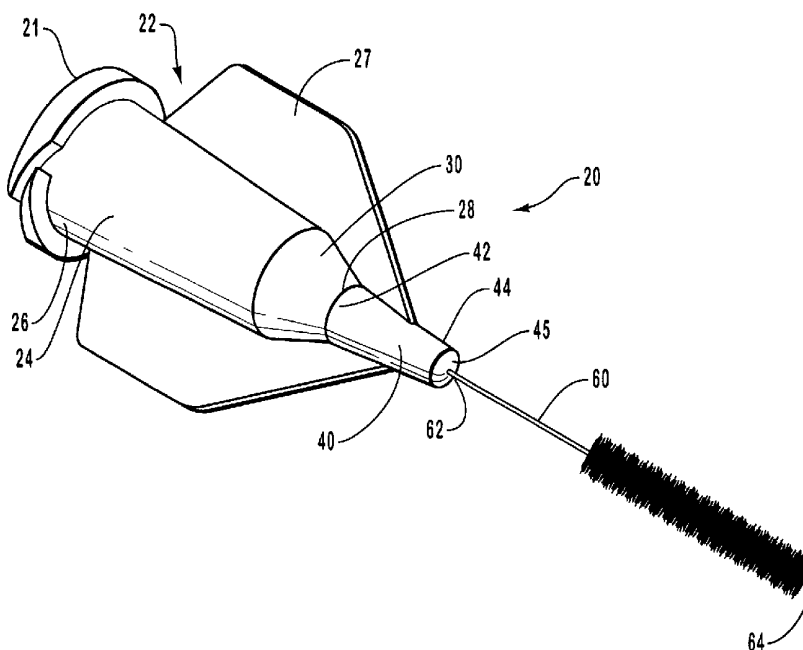
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ENDODONTIC IRRIGATOR TIPS HAVING FIBER COVERED CANNULAS AND RELATED METHODS



(57) Abstract: An endodontic irrigator tip (20) with a fiber covered cannula (60) enables a root canal to be cleaned with a scrubbing action as the cannula (60) is moved up and down within the root canal. The cannula (60) extends from a hub (22) that is adapted for coupling with a syringe or other delivery device. The cannula (60) has an outlet orifice for delivering an irrigant out of the endodontic irrigator tip and into the root canal. The outlet orifice may be defined by a rounded rim that optimally enables the distal insertion end of the cannula to be advanced within the root canal.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US02/00960

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) :A61C 5/04

US CL :433/81, 224

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. : 433/80, 81, 102, 119, 224

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

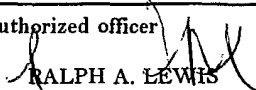
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,378,149 A (STROPKO) 03 January 1995, see Figure 6 and column 4, lines 4-5.	1-39
A	US 5,816,804 A (FISCHER) 06 October 1998, see entire document.	1-39
A	US 6,059,570 A (DRAGAN et al) 09 May 2000, see entire document.	1-39
A	US 6,083,002 A (MARTIN) 04 July 2000, see entire document.	1-39

☐ Further documents are listed in the continuation of Box C.
 ☐ See patent family annex.

* Special categories of cited documents:		"I"	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
"A"	document defining the general state of the art which is not considered to be of particular relevance	"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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"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		

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