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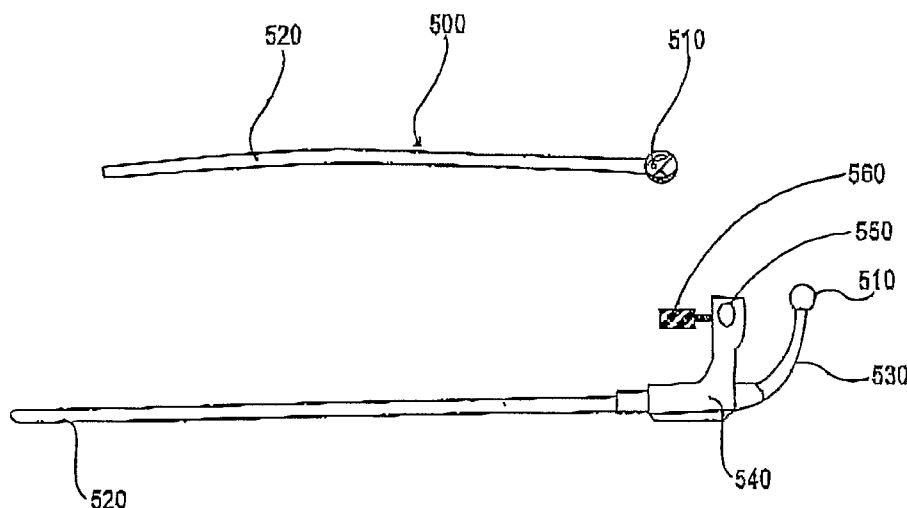
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(54) Title: SURGICAL TOOLS FOR USE IN DEPLOYING BONE REPAIR DEVICES



(57) Abstract: The invention is generally directed to tools, systems and methods of preparing a bone site prior to deployment of bone repair devices. In one embodiment, a bone cutting instrument is provided with a generally rigid arcuate tube having a generally fixed radius and a lumen therethrough, a flexible drive shaft configured to be slidably and rotably received within the tube lumen, and a cutter head attached to an end of the drive shaft. Methods of forming a passage in a bone include advancing the cutter head into a bone along a curved path having a generally constant radius to cut an arcuate path, and continuing to advance the cutter along a generally straight path extending from the curved path.

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A. CLASSIFICATION OF SUBJECT MATTER

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USPC - 606/80

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)

IPC(8) - A61B 17/00 (2008.04)

USPC - 606/80

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

IPC(8) - A61B 17/00 (2008.04)

USPC - 606/80, 606/53, 606/79

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

PubWest (USPT, PGPB, EPAB, JPAB), Google Scholar, WIPO, PubMed

Search terms - Bone cutting, instrument, head, jig, trocar, guidewire, burr, medullary

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0267481 A1 (CARL et al.) 01 December 2005 (01.12.2005) para [0015], [0071]-[0073], [0121]-[0122]; Figs. 1-3, 7, 15c-15i	1-19
Y	US 6,033,407 A (BEHRENS) 7 March 2000 (07.03.2000) col 4, ln 30-64; Fig. 10	1-19
Y	WO 1998/027876 A1 (DION) 2 July 1998 (02.07.1998) col 2, ln 1-8; col 5, ln 18-25; col 6, ln 5-13; col 6, ln 22-29; col 7, ln 28-30; col 13, ln 16-21; col 13, ln 4-19; col 14 ln 9 to col 15, ln 2; col 17, ln 1-2; Fig. 3	1-9, 16-17
Y	US 6,783,533 B2 (GREEN et al.) 31 August 2004 (31.08.2004) col 3, ln 18-34; col 8, ln 54-56; Fig. 18, 19	8, 9, 17

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