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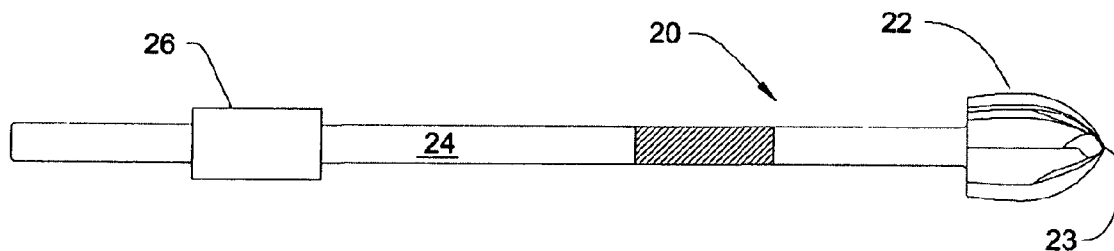
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(54) **Title:** SURGICAL BUR WITH ANTI-CHATTER FLUTE GEOMETRY INCLUDING A PAIR OF SYMMETRIC FLUTES THAT EMERGE FROM THE DISTAL END TIP OF THE BUR HEAD



(57) **Abstract:** A surgical bur (20) having a shaft (24) with a bur head (22) at the distal end. A number of flutes are formed on the bur head. Each flute has a cutting edge (54). Two flutes (30, 38) are arcuately symmetrically spaced from one another having cutting edges that start at or approximately, close to the distal end tip (23) and have intermediate sets of flutes (32, 34, 36, 40, 42, 44) therebetween. The intermediate sets of flutes have chamfers (56, 60, 62, 64) so as to progressively engage flute cutting edges into the tissue that is to be excised. The cutting edge progression during the use of the bur decreases or eliminates chatter.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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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 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 practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 5 759 185 A (GRINBERG ALEXANDER [US]) 2 June 1998 (1998-06-02) column 4, line 32 - line 38; figures -----	1,5
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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