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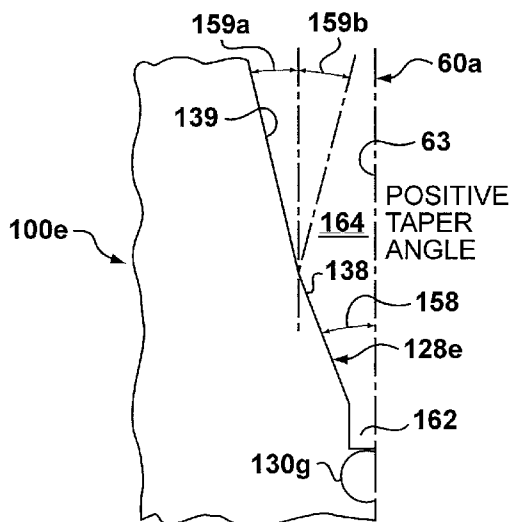
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(54) **Title:** ROTARY DRILL BIT STEERABLE SYSTEM AND METHOD



**Figure 6B**

(57) **Abstract:** A drill bit comprising: a cutting section comprising gage cutters, wherein in the cutting section is a first end of the bit, and wherein the cutting section has a full gage diameter; a heel section comprising a blade, wherein the heel section is at an end of the drill bit opposite the cutting section, and wherein a diameter of the heel section is a full gage diameter, wherein the blade has a high spiral around the drill bit; and a clearance section between the cutting and heel sections, wherein the clearance section comprises a diameter less than full gage, and wherein clearance section extends from the gage cutters of the cutting section to the blade of the heel section.

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## INTERNATIONAL SEARCH REPORT

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<b>B FIELDS SEARCHED</b>		
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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) PatBase		
<b>C DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X	US 5,004,057 (TIBBITTS et al) 02 April 1991 (02 04 1991) entire document	1-18
<input type="checkbox"/> Further documents are listed in the continuation of Box C <input type="checkbox"/>		
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