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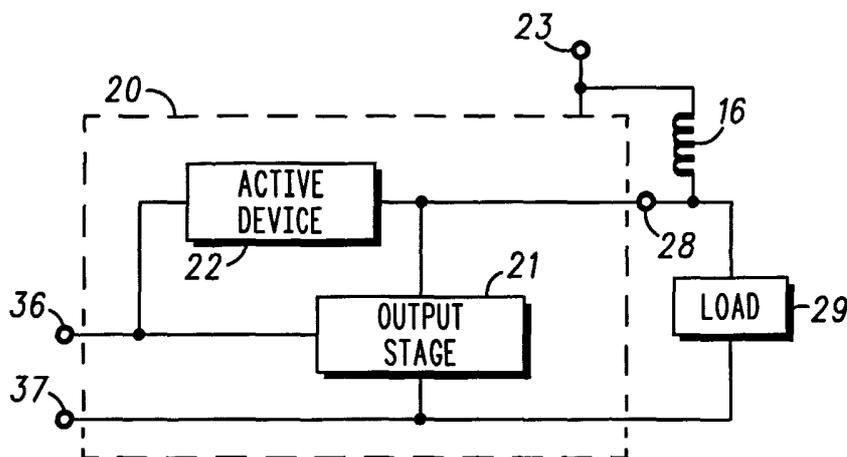
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(54) Title: RF AMPLIFIER AND METHOD THEREFOR



(57) Abstract: A monolithic RF amplifier (20, 30, 40, 50, 60, 70) senses the instantaneous voltage on the amplifier output (28) and utilizes active devices (22, 33, 41, 42, 51, 61, 71) to protect an output stage (21, 31) of the amplifier from excessive voltages applied to the amplifier output (28).

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# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US 02/27084

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 H03F1/52

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)  
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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 practical, search terms used)

EPO-Internal, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A A	<p>EP 0 718 965 A (THOMCAST) 26 June 1996 (1996-06-26) column 3, line 37 -column 5, line 32; figures 3,4</p> <p style="text-align: center;">---</p> <p>R.J. WIDLAR ET AL: "A Monolithic Power Op Amp" IEEE JOURNAL OF SOLID-STATE CIRCUITS., vol. 23, no. 02, April 1988 (1988-04), pages 527-535, XP002261362 IEEE INC. NEW YORK., US ISSN: 0018-9200 page 532, right-hand column, line 23 -page 533, right-hand column, line 11; figures 13,14</p> <p style="text-align: center;">---</p> <p style="text-align: center;">-/--</p>	<p>1-3,7 9,10,13 1-3,9-14</p>

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>STEELE J: "PROTECT THOSE EXPENSIVE POWER OP AMPS" ELECTRONIC DESIGN, PENTON PUBLISHING, CLEVELAND, OH, US, vol. 39, no. 2, 31 January 1991 (1991-01-31), pages 47-48,50,53,, XP000207756 ISSN: 0013-4872 page 53 -page 54; figure 6 -----</p>	9
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