



US006275104B1

(12) **United States Patent**  
**Holter**

(10) Patent No.: **US 6,275,104 B1**  
(45) Date of Patent: **Aug. 14, 2001**

(54) **MULTISTAGE AMPLIFIER WITH LOCAL ERROR CORRECTION**

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(\* ) Notice: **Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.**

(21) Appl. No.: **09/540,538**

(22) Filed: **Mar. 31, 2000**

(51) Int. Cl.<sup>7</sup> ..... **H03F 1/26**

(52) U.S. Cl. .... **330/149; 330/136; 330/110**

(58) Field of Search ..... **330/107, 129, 330/136, 149, 151, 110, 150, 152**

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(57) **ABSTRACT**

An amplifier stage in a series connection of such stages in a low or medium frequency analog amplifier construction, e.g. for audio, is provided with correction circuitry for dynamic cancellation of non-linearities in the stage output. The correction circuitry includes a threshold detector feeding a correction signal to an adder circuit that is inserted in the series connection. An input signal to the threshold detector is supplied from a junction where e.g. resistors coupled respectively to an input and an output of the stage, meet.

**13 Claims, 5 Drawing Sheets**

