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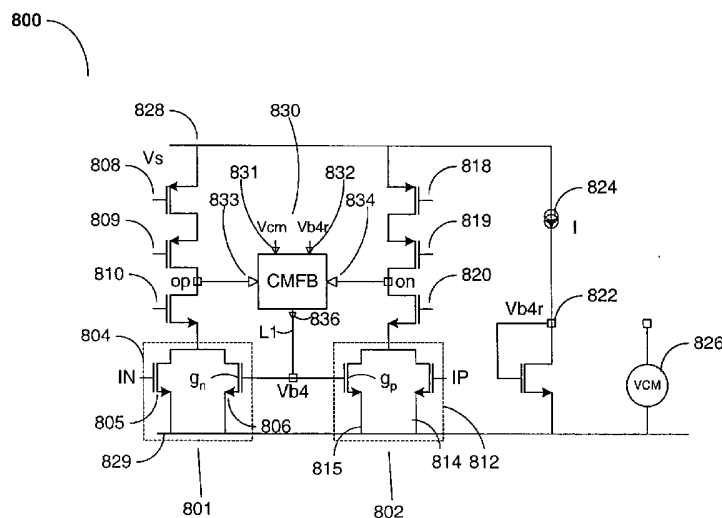
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For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: A SWITCHED-CAPACITOR, COMMON-MODE FEEDBACK CIRCUIT FOR A DIFFERENTIAL AMPLIFIER WITHOUT TAIL CURRENT



(57) Abstract: Provided is a switched capacitor feedback circuit including two or more input ports configured to receive a corresponding number of input signals and at least one output port. The output port is configured to output an adjusting signal. The input signals includes a number of primary signals and two or more reference signals that are associated with a first timing phase of operation. The adjusting signal is produced based upon a comparison between the primary signals the reference signals. Also provided is a pair of active devices having gates coupled together and structured to receive the adjusting signal. The active devices are configured to provide a gain to the adjusting signal in accordance with a predetermined gain factor, and facilitate an adjustment to the number of primary signals based upon the gain during a second timing phase of operation.

INTERNATIONAL SEARCH REPORT

Interr application No
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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H03F3/45 H03F3/00

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 7 H03F

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 5 864 257 A (ROTHENBERG BRET C) 26 January 1999 (1999-01-26)	1-3
Y	column 2, line 3 - line 67; figures 1,3,4	4-44
Y	EP 0 380 152 A (PHILIPS NV) 1 August 1990 (1990-08-01) figures 2A,2B	4-44

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

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Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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