An amplifier has a first transistor, a second transistor, a third transistor and a fourth transistor, a first transformation network having first and second grounds and a second transformation network having third and fourth grounds. The amplifier has a collector of the first transistor operatively connected to a base of the third transistor by the first transformation network, a collector of the second transistor operatively connected to a base of the fourth transistor by the second transformation network, the first ground and the third ground are electrically connected to each other, the second ground and the fourth ground are electrically connected to each other, the emitters of the first and of the second transistors are electrically connected to the first ground and the third ground, and the second ground and the fourth ground are electrically connected to the emitters of the third and of the fourth transistors.
INTERNATIONAL SEARCH REPORT

A  CLASSIFICATION OF SUBJECT MATTER
IPC(8) - H03F 3/04 (2008.01)
USPC - 330/305

B  FIELDS SEARCHED
Minimum documentation searched (classification system followed by classification symbols):
USPC - 330/305

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 330/157,258,310, 8

Search Terms Below

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PubWEST(PGPT, PGPB, EPAB, JPAB), google.com
Search Terms Used: amplifier, amplify, transistor, collector, emitter, transformation, ground, resistor, fourth, bipolar, field effect, parasitic, resistive, Inductance

C  DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No</th>
</tr>
</thead>
</table>

D  Further documents are listed in the continuation of Box C

E  Special categories of cited documents

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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I  Later documents published after the international filing date or priority date and not in conflict with the application

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Date of the actual completion of the international search: 20 March 2008 (18 03 2008)
Date of mailing of the international search report: 02 MAY 2008

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Form PCT/ISA/210 (second sheet) (April 2007)