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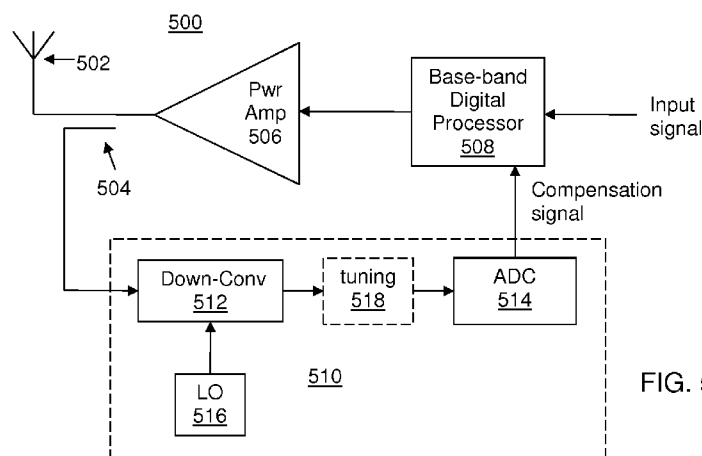
(54) Title: POWER AMPLIFIER PRE-DISTORTION

FIG. 5A

(57) **Abstract:** Transmitter observation receivers and methods are described that can predistortion-compensate transmitters capable of operating in multiple communication bands and frequency ranges. Such observation receivers and method involve generating at least one compensation signal such that a signal to be transmitted that is within a bandwidth that simultaneously encompasses multiple frequency ranges is compensated.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. H04L27/36 H03F1/32
ADD.

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)
H04L 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 practicable, search terms used)

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2001/054974 A1 (WRIGHT ANDREW S [CA]) 27 December 2001 (2001-12-27) paragraph [0003] paragraph [0005] - paragraph [0006] paragraph [0011] paragraph [0016] paragraph [0020] paragraph [0065] - paragraph [0072] figure 1	1-10
X	US 2010/283540 A1 (DAVIES DORIAN [GB]) 11 November 2010 (2010-11-11) abstract paragraph [0001] - paragraph [0018] figures 1, 5 ----- -/--	1-10



Further documents are listed in the continuation of Box C.



See patent family annex.

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International application No
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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.
X	US 7 058 369 B1 (WRIGHT ANDREW S [CA] ET AL) 6 June 2006 (2006-06-06) abstract figures 1, 5 column 1, line 15 - column 7, line 19 -----	1-10

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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