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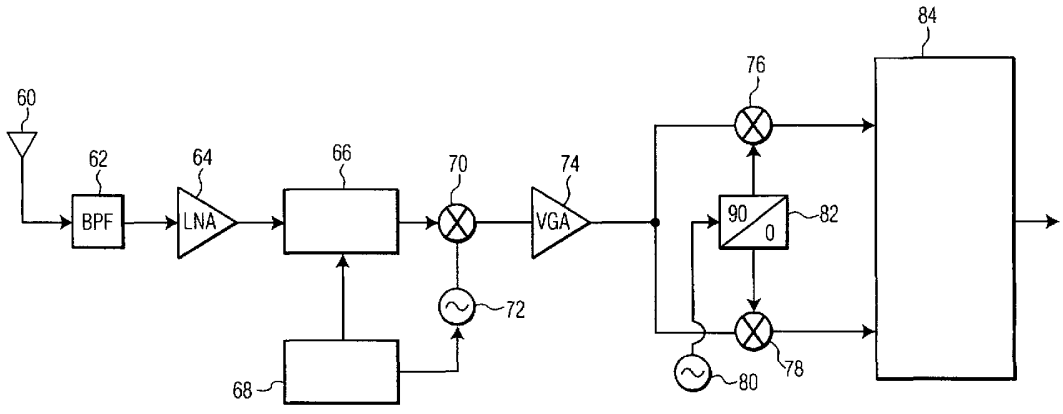
Declarations under Rule 4.17:
— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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

(54) Title: METHODS AND APPARATUSES FOR INTRASYSTEM AND INTERSYSTEM SLIDING INTERMEDIATE FREQUENCY TRANSCEPTION



(57) Abstract: Systems and methods according to the present invention provide methods for wireless communications and devices associated therewith which vary the intermediate frequency based upon the particular channel and/or system with which a wireless station is communicating. Tailoring the selection of an intermediate frequency in this way, enables signal energy associated with images created by heterodyne processing to be more easily removed.

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INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
H04B1/28 H03D7/18 H04B1/40 H04L27/26

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)
H04B H03J H03D H04L

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 4 132 952 A (HONGU ET AL) 2 January 1979 (1979-01-02) figures 2,4,5 column 1, line 33 - line 58 column 2, line 49 - line 68 column 4, line 5 - line 41 column 6, line 16 - line 63 column 8, line 49 - column 9, line 10 column 10, line 3 - line 39 column 11, line 19 - line 44	1-12

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

☒ See patent family annex.

* Special categories of cited documents :

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Date of the actual completion of the international search	Date of mailing of the international search report
26 January 2006	06/02/2006

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INTERNATIONAL SEARCH REPORT

ormation on patent family members

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