Title: WIRELESS RECEIVER WITH NOTCH FILTER TO REDUCE EFFECTS OF TRANSMIT SIGNAL LEAKAGE
— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(Ui))

— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

Published:
— with international search report

(88) Date of publication of the international search report:
18 December 2008
### A. CLASSIFICATION OF SUBJECT MATTER

| INV. | H04B1/52 | H04B1/10 |

According to International Patent Classification (IPC) or both national classification and IPC

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04B

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, INSPEC

### 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>
<tbody>
<tr>
<td>X</td>
<td>US 7 155 179 B1 (ROTHENBERG BRET [US]) 26 December 2006 (2006-12-26) column 4, line 24 - column 5, line 49; figure 2</td>
<td>1, 10, 16, 26, 35</td>
</tr>
</tbody>
</table>

### D. Further documents are listed in the continuation of Box C.

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited but establishes the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

**Special categories of cited documents:**

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered novel or 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.
- "Z" document member of the same patent family

#### Date of the actual completion of the international search

28 July 2008

#### Date of mailing of the International search report

04/11/2008

Name and mailing address of the ISA:

European Patent Office, P.B. 5818 Postf.traan 2 NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Fax (+31-70) 340-2018

Authorized officer

Lindberg, Per
This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. [ ] Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. [ ] Claims Nos.: because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. [ ] Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

This international searching authority found multiple inventions in this international application, as follows:

see additional sheet

1. [ ] As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.

2. [ ] As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of additional fees.

3. [ ] As only some of the required additional search fees were timely paid by the applicant, this international search report covers every searchable invention for which the fees have been paid. See below.

4. [ ] No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos. 1-11, 16-36

Remark on Protest: [ ] The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
[ ] The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
[ ] No protest accompanied the payment of additional search fees.
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<th>1. Claims: 1-11, 16-36</th>
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<td>Relate to a receiver, device and method wherein the influence of a transmit leakage signal is reduced using a notch filter applied after the down conversion of the received signal.</td>
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<td>Relate to a notch filter for reducing a transmit leakage signal.</td>
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<td>Patent document cited in search report</td>
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<td>US 7155179</td>
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<td>US 2005107051</td>
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