Abstract: A process for the preparation of complexes containing $^{68}$Ga wherein a buffer formic acid/formate in the presence of compounds capable to sequester metal cations is used in the complexion reaction.
### Box No. II  Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

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).

### Box No. III  Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

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 fees, 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 only those claims for which fees were paid, specifically claims Nos.:

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.:

**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.
### INTERNATIONAL SEARCH REPORT

**A. CLASSIFICATION OF SUBJECT MATTER**

**INV.** C07B59/00

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

**ADD.**

### B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C07B

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)

EPO-Internal, CHEM ABS Data, WPI Data

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
</tr>
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<tbody>
<tr>
<td>X</td>
<td>WO 2010/092114 Al (GUERBET SA [FR]; PORT MARC [FR]; MEDINA CHRISTELLE [FR]) 19 August 2010 (2010-08-19) cited in the application on the whole document</td>
<td>1-14</td>
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* 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 of patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish 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

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

20 February 2013

### Date of mailing of the international search report

13/03/2013

Name and mailing address of the ISA:

European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040,
Fax: (+31-70) 340-3016

Authorized officer:

De ederen, Jeroen
<table>
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<td>WO 2010092114 Al</td>
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</table>
This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1, 6-8, 11-15 (completely); 3-5, 9, 10 (partially)
   Process for the preparation of $^{68}$Ga complexes using formic acid/formate buffer

2. Claims: 2 (completely); 3-5, 8, 10 (partially)
   Process for the preparation of $^{68}$Ga complexes in a buffered aqueous solution in the presence of a sequestering agent