



European Patent  
Office

**SUPPLEMENTARY  
PARTIAL EUROPEAN SEARCH REPORT**

Application Number

which under Rule 45 of the European Patent Convention EP 01 93 0556  
shall be considered, for the purposes of subsequent  
proceedings, as the European search report

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                        |                                  |                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------------------|
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Citation of document with indication, where appropriate,<br>of relevant passages                                       | Relevant<br>to claim             | CLASSIFICATION OF THE<br>APPLICATION (Int.Cl.7) |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US 5 307 818 A (SEGALOWITZ JACOB)<br>3 May 1994 (1994-05-03)<br>* column 5, line 8 - column 29, line 35 *<br>-----     | 1-7,9-28                         | A61B5/00<br>A61B5/0408                          |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US 5 168 874 A (SEGALOWITZ JACOB)<br>8 December 1992 (1992-12-08)<br>* column 3, line 7 - column 8, line 23 *<br>----- | 1-7,9-28                         |                                                 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US 4 981 141 A (SEGALOWITZ JACOB)<br>1 January 1991 (1991-01-01)<br>* column 3, line 3 - column 8, line 21 *<br>-----  | 1-7,9-28                         |                                                 |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | US 5 511 553 A (SEGALOWITZ JACOB)<br>30 April 1996 (1996-04-30)<br>* column 9, line 45 - column 46, line 44 *<br>----- | 1-7,9-28                         |                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                        |                                  | TECHNICAL FIELDS<br>SEARCHED (Int.Cl.7)         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                        |                                  | A61B                                            |
| The supplementary search report has been based on the last set of claims valid<br>and available at the start of the search.                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                        |                                  |                                                 |
| <b>INCOMPLETE SEARCH</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                        |                                  |                                                 |
| <p>The Search Division considers that the present application, or some or all of its claims, does/do<br/>not comply with the EPC to such an extent that a meaningful search into the state of the art cannot<br/>be carried out, or can only be carried out partially, for the following claims:</p> <p>Claims searched completely :</p> <p>Claims searched incompletely :</p> <p>Claims not searched :</p> <p>Reason for the limitation of the search:</p> <p>see sheet C</p> |                                                                                                                        |                                  |                                                 |
| Place of search                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                        | Date of completion of the search | Examiner                                        |
| Munich                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                        | 28 October 2004                  | Kurze, V                                        |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                        |                                  |                                                 |
| X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another<br>document of the same category<br>A : technological background<br>O : non-written disclosure<br>P : intermediate document                                                                                                                                                                                                                                                     |                                                                                                                        |                                  |                                                 |
| T : theory or principle underlying the invention<br>E : earlier patent document, but published on, or<br>after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>.....<br>& : member of the same patent family, corresponding<br>document                                                                                                                                                                                    |                                                                                                                        |                                  |                                                 |



Claim 12 appears to be lacking passages at the end, thereby rendering the claim unclear (Article 84 EPC). The claim was searched as if additionally comprising the last line of claim 1.

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Claim(s) searched completely:  
12-28

Claim(s) searched incompletely:  
1-7,9-11

Claim(s) not searched:  
8

Reason for the limitation of the search (non-patentable invention(s)):

Claim 8: Article 52 (4) EPC - Diagnostic method practised on the human or animal body

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Further limitation of the search

Claim(s) searched completely:  
12-28

Claim(s) searched incompletely:  
1-7,9-11

Claim(s) not searched:  
8

Reason for the limitation of the search:

Due to the formulation of claim 1, "In a wireless system" followed by terms which appear to be method steps, the category of the claims 1-11 is unclear (Article 84 EPC, cf. also the Guidelines, C-III, 4.1 and 4.8b). The search was carried out only for those apparatus features which have been clearly defined in the claims and for those methods which are not considered diagnostic in the sense of Article 52(4) EPC.

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 01 93 0556

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

28-10-2004

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
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| US 5307818 A                              | 03-05-1994          | US 4981141 A               | 01-01-1991          |
|                                           |                     | EP 0648089 A1              | 19-04-1995          |
|                                           |                     | JP 7508903 T               | 05-10-1995          |
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|                                           |                     | AT 145120 T                | 15-11-1996          |
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|                                           |                     | ES 2096586 T3              | 16-03-1997          |
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|                                           |                     | EP 0458883 A1              | 04-12-1991          |
|                                           |                     | ES 2096586 T3              | 16-03-1997          |
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|                                           |                     | AU 642406 B2               | 21-10-1993          |
|                                           |                     | AU 5156890 A               | 05-09-1990          |
|                                           |                     | CA 2009804 A1              | 15-08-1990          |
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|                                           |                     | EP 0458883 A1              | 04-12-1991          |
|                                           |                     | ES 2096586 T3              | 16-03-1997          |
|                                           |                     | HK 1005305 A1              | 31-12-1998          |

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|                                           |                     | JP 4505564 T               | 01-10-1992          |
|                                           |                     | JP 3104991 B2              | 30-10-2000          |
|                                           |                     | WO 9009143 A1              | 23-08-1990          |
|                                           |                     | US 5511553 A               | 30-04-1996          |
|                                           |                     | US 5168874 A               | 08-12-1992          |
|                                           |                     | US 5307818 A               | 03-05-1994          |
| -----                                     |                     |                            |                     |
| US 5511553 A                              | 30-04-1996          | US 5307818 A               | 03-05-1994          |
|                                           |                     | US 4981141 A               | 01-01-1991          |
|                                           |                     | EP 0648089 A1              | 19-04-1995          |
|                                           |                     | JP 7508903 T               | 05-10-1995          |
|                                           |                     | WO 9401039 A1              | 20-01-1994          |
|                                           |                     | AT 145120 T                | 15-11-1996          |
|                                           |                     | AU 642406 B2               | 21-10-1993          |
|                                           |                     | AU 5156890 A               | 05-09-1990          |
|                                           |                     | CA 2009804 A1              | 15-08-1990          |
|                                           |                     | DE 69029130 D1             | 19-12-1996          |
|                                           |                     | DE 69029130 T2             | 05-06-1997          |
|                                           |                     | EP 0458883 A1              | 04-12-1991          |
|                                           |                     | ES 2096586 T3              | 16-03-1997          |
|                                           |                     | HK 1005305 A1              | 31-12-1998          |
|                                           |                     | IL 93389 A                 | 29-06-1995          |
|                                           |                     | JP 4505564 T               | 01-10-1992          |
|                                           |                     | JP 3104991 B2              | 30-10-2000          |
|                                           |                     | WO 9009143 A1              | 23-08-1990          |
|                                           |                     | US 5168874 A               | 08-12-1992          |
| -----                                     |                     |                            |                     |

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|----------------|------------------------------------------------------------------------------------------|---------|------------|
| 专利名称(译)        | 用于遥测监测的无线系统协议                                                                            |         |            |
| 公开(公告)号        | <a href="#">EP1290658A4</a>                                                              | 公开(公告)日 | 2004-12-22 |
| 申请号            | EP2001930556                                                                             | 申请日     | 2001-04-17 |
| [标]申请(专利权)人(译) | 摩托罗拉公司                                                                                   |         |            |
| 申请(专利权)人(译)    | MOTOROLA , INC.                                                                          |         |            |
| 当前申请(专利权)人(译)  | MOTOROLA , INC.                                                                          |         |            |
| [标]发明人         | KHAIR MOHAMMAD<br>NG RICHARD<br>LOPEZ SALVADOR<br>GHAEM SANJAR<br>OLSON WILLIAM L        |         |            |
| 发明人            | KHAIR, MOHAMMAD<br>NG, RICHARD<br>LOPEZ, SALVADOR<br>GHAEM, SANJAR<br>OLSON, WILLIAM, L. |         |            |
| IPC分类号         | A61B5/04 A61B5/00 A61B5/0476 A61B5/0488 A61N1/08 H04B7/26 A61B5/0408                     |         |            |
| CPC分类号         | A61B5/0006 A61B5/0476 A61B5/0488 A61B5/061 A61B2560/0209 A61B2560/0412 Y10S128/903       |         |            |
| 优先权            | 09/551719 2000-04-18 US                                                                  |         |            |
| 其他公开文献         | EP1290658B1<br>EP1290658A2                                                               |         |            |
| 外部链接           | <a href="#">Espacenet</a>                                                                |         |            |

## 摘要(译)

用于医疗监测的无线可编程系统包括基本单元和多个单独的无线远程可编程生物传感器收发器。基本单元通过使用无线技术发出注册，配置，数据获取和传输命令来管理收发器。来自无线收发器的生理数据被多路分解并通过标准接口提供给传统的监视器以供显示。还描述了无线收发器和基本单元的初始化，配置，注册和管理例程。

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                                                               |                                                                                                               |                   |                                              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------|
| Category                                                                                                                                                                                                                                                                                          | Citation of document with indication, where appropriate, of relevant passages                                 | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
| A                                                                                                                                                                                                                                                                                                 | US 5 307 818 A (SEGALOWITZ JACOB)<br>3 May 1994 (1994-05-03)<br>* column 5, line 8 - column 29, line 35 *     | 1-7,9-28          | A61B5/06<br>A61B5/0408                       |
| A                                                                                                                                                                                                                                                                                                 | US 5 168 874 A (SEGALOWITZ JACOB)<br>8 December 1992 (1992-12-08)<br>* column 3, line 7 - column 8, line 23 * | 1-7,9-28          |                                              |
| A                                                                                                                                                                                                                                                                                                 | US 4 981 141 A (SEGALOWITZ JACOB)<br>1 January 1991 (1991-01-01)<br>* column 3, line 3 - column 8, line 21 *  | 1-7,9-28          |                                              |
| A                                                                                                                                                                                                                                                                                                 | US 5 511 553 A (SEGALOWITZ JACOB)<br>30 April 1996 (1996-04-30)<br>* column 9, line 45 - column 46, line 44 * | 1-7,9-28          |                                              |
| -----                                                                                                                                                                                                                                                                                             |                                                                                                               |                   |                                              |
|                                                                                                                                                                                                                                                                                                   |                                                                                                               |                   | TECHNICAL FIELD SEARCHED (Int.Cl.7)          |
|                                                                                                                                                                                                                                                                                                   |                                                                                                               |                   | A61B                                         |
| The supplementary search report has been based on the last set of claims valid and available at the start of the search.                                                                                                                                                                          |                                                                                                               |                   |                                              |
| INCOMPLETE SEARCH                                                                                                                                                                                                                                                                                 |                                                                                                               |                   |                                              |
| The Search Division considers that the present application, or some or all of its claims, <del>deserve</del> not comply with the EPC to such an extent that a meaningful search into the state of the art cannot be carried out, or can only be carried out partially, for the following reasons: |                                                                                                               |                   |                                              |
| Claims searched completely :                                                                                                                                                                                                                                                                      |                                                                                                               |                   |                                              |
| Claims searched incompletely :                                                                                                                                                                                                                                                                    |                                                                                                               |                   |                                              |
| Claims not searched :                                                                                                                                                                                                                                                                             |                                                                                                               |                   |                                              |
| Reason for the limitation of the search:<br>see sheet C                                                                                                                                                                                                                                           |                                                                                                               |                   |                                              |
| Place of search                                                                                                                                                                                                                                                                                   | Date of completion of the search                                                                              | Searcher          |                                              |
| Munich                                                                                                                                                                                                                                                                                            | 28 October 2004                                                                                               | Kurze, V          |                                              |
| CATEGORY OF CITED DOCUMENTS                                                                                                                                                                                                                                                                       |                                                                                                               |                   |                                              |
| X : particularly relevant if taken alone<br>Y : particularly relevant if considered with another document of the same category<br>A : technological background<br>C : non-written disclosure<br>P : intermediate document                                                                         |                                                                                                               |                   |                                              |
| I : theory or principle underlying the invention<br>A : earlier patent document, but published on, or after the filing date<br>D : document cited in the application<br>L : document cited for other reasons<br>A' : member of the same patent family, corresponding document                     |                                                                                                               |                   |                                              |