

# SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number  
EP 15 79 9348

| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                                                                                                                                                    |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                       |                                                                       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Category                                                                                                                                                                                                                                               | Citation of document with indication, where appropriate, of relevant passages                                                                                                                    | Relevant to claim                                                                                                                                                                                                                                                                     | CLASSIFICATION OF THE APPLICATION (IPC)                               |
| X                                                                                                                                                                                                                                                      | US 2013/269700 A1 (LAURA LAPOINT MANUEL [US] ET AL) 17 October 2013 (2013-10-17)                                                                                                                 | 1-10                                                                                                                                                                                                                                                                                  | INV.<br>G06F19/00                                                     |
| Y                                                                                                                                                                                                                                                      | * paragraph [0001] - paragraph [0007] *<br>* paragraph [0013] - paragraph [0063] *<br>* figures 1-5 *                                                                                            | 3-10                                                                                                                                                                                                                                                                                  | A61M16/00<br>A61B5/00                                                 |
| Y                                                                                                                                                                                                                                                      | -----<br>US 2008/251078 A1 (BUCKLEY MARK DAVID [DE] ET AL) 16 October 2008 (2008-10-16)<br>* paragraph [0002] - paragraph [0014] *<br>* paragraph [0023] - paragraph [0036] *<br>* figures 2-5 * | 3-10                                                                                                                                                                                                                                                                                  | ADD.<br>A61M16/10<br>A61M16/16<br>A61M16/08<br>A61M16/06<br>A61B5/087 |
| Y                                                                                                                                                                                                                                                      | -----<br>EP 1 900 387 A1 (INVACARE CORP [US]) 19 March 2008 (2008-03-19)<br>* paragraph [0002] - paragraph [0003] *<br>* paragraph [0011] - paragraph [0032] *<br>* figures 1-5A *               | 3-10                                                                                                                                                                                                                                                                                  |                                                                       |
|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                       | TECHNICAL FIELDS SEARCHED (IPC)                                       |
|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                       | G06F<br>A61M                                                          |
| The supplementary search report has been based on the last set of claims valid and available at the start of the search.                                                                                                                               |                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                       |                                                                       |
| Place of search<br>Munich                                                                                                                                                                                                                              |                                                                                                                                                                                                  | Date of completion of the search<br>14 December 2017                                                                                                                                                                                                                                  | Examiner<br>Aguado, Miguel                                            |
| CATEGORY OF CITED DOCUMENTS<br>X : particularly relevant if taken alone<br>Y : particularly relevant if combined with another 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 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 document |                                                                       |

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EPO FORM 1503 03.82 (P04N04)

## CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

## LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☐ All further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☒ None of the further search fees have been paid within the fixed time limit. The present (supplementary) European search report has been drawn up for those parts of the European patent application which relate to the first mentioned in the claims, namely claims:

1-10

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-10

A system for managing patient data associated with a patient's use of a respiratory pressure therapy device, the system comprising one or more computing devices configured to access a subscription comprising a set of instructions; collect usage data related to a patient's use of a respiratory pressure therapy device; determine that a triggering event has occurred, wherein the triggering event relates, at least in part, to a patient's usage of the respiratory pressure therapy device; and transmit at least a portion of the usage data in accordance with the subscription. wherein the system is configured so that at least one of the following: collecting the usage data, identifying the triggering event and transmitting at least a portion of the usage data, is performed in accordance with the subscription.

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2. claims: 11-15

A method for managing patient data comprising: receiving, by one or more processors, transmissions of usage data from a plurality of patient devices, wherein each transmission of usage data has occurred in accordance with a triggering event identified in a set of instructions, and wherein the triggering event relates, at least in part, to a patient's usage of a patient device from the plurality of patient devices; storing, by the one or more processors, the usage data in a memory, wherein the usage data is stored so as to be associated with each patient device, of the plurality of patient devices, from which the transmission was received; receiving, by the one or more processors, a request for at least a portion of the usage data that has been stored; and transmitting, by the one or more processors, the portion of the usage data that was requested.

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

EP 15 79 9348

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.

14-12-2017

| Patent document<br>cited in search report | Publication<br>date | Patent family<br>member(s) | Publication<br>date |
|-------------------------------------------|---------------------|----------------------------|---------------------|
| US 2013269700 A1                          | 17-10-2013          | AU 2011346681 B2           | 26-05-2016          |
|                                           |                     | BR 112013015632 A2         | 11-10-2016          |
|                                           |                     | CN 103370005 A             | 23-10-2013          |
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|                                           |                     | JP 2014503289 A            | 13-02-2014          |
|                                           |                     | RU 2013133805 A            | 27-01-2015          |
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|                                           |                     | WO 2012085756 A1           | 28-06-2012          |
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| US 2008251078 A1                          | 16-10-2008          | NONE                       |                     |
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| EP 1900387 A1                             | 19-03-2008          | CA 2602620 A1              | 18-03-2008          |
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| -----                                     |                     |                            |                     |

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|----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|
| 专利名称(译)        | 医疗设备的远程数据管理                                                                                                                                                                                                                                                                                                                                              |         |            |
| 公开(公告)号        | <a href="#">EP3149696A4</a>                                                                                                                                                                                                                                                                                                                              | 公开(公告)日 | 2018-05-16 |
| 申请号            | EP2015799348                                                                                                                                                                                                                                                                                                                                             | 申请日     | 2015-05-27 |
| [标]申请(专利权)人(译) | 雷斯梅德有限公司                                                                                                                                                                                                                                                                                                                                                 |         |            |
| 申请(专利权)人(译)    | 瑞思迈有限公司                                                                                                                                                                                                                                                                                                                                                  |         |            |
| 当前申请(专利权)人(译)  | 瑞思迈有限公司                                                                                                                                                                                                                                                                                                                                                  |         |            |
| [标]发明人         | DELANGRE PETER<br>BIRCHALL PAUL FREDERICK<br>CHURCHILL DAWN ROSEMARY<br>PRICE JASON STELAKIS<br>ROBERTS CHRISTOPHER JOHN<br>SOMAIYA CHINMAYEE<br>TEMPLETON BRADLEY SCOTT<br>TRULL WENDALL ERIC<br>TYLER MATTHEW SCOTT                                                                                                                                    |         |            |
| 发明人            | DELANGRE, PETER<br>BIRCHALL, PAUL FREDERICK<br>CHURCHILL, DAWN ROSEMARY<br>PRICE, JASON STELAKIS<br>ROBERTS, CHRISTOPHER JOHN<br>SOMAIYA, CHINMAYEE<br>TEMPLETON, BRADLEY SCOTT<br>TRULL, WENDALL ERIC<br>TYLER, MATTHEW SCOTT                                                                                                                           |         |            |
| IPC分类号         | G06Q50/24 A61B5/00 G06F19/00 A61M16/00 G16H10/60                                                                                                                                                                                                                                                                                                         |         |            |
| CPC分类号         | A61B5/087 A61M16/0069 A61M16/024 A61M16/06 A61M16/08 A61M16/1055 A61M16/107 A61M16/109 A61M16/16 A61M2016/0027 A61M2016/0033 A61M2016/0039 A61M2202/0208 A61M2205/505 A61M2205/52 G06F19/3418 G06F19/3481 Y02A90/22 Y02A90/26 A61B5/4818 A61B5/4833 A61B5/7282 A61M2205/15 A61M2205/3303 A61M2205/3553 A61M2205/3584 A61M2205/50 A61M2205/84 A61M2230/40 |         |            |
| 优先权            | 2014901998 2014-05-27 AU                                                                                                                                                                                                                                                                                                                                 |         |            |
| 其他公开文献         | EP3149696A1                                                                                                                                                                                                                                                                                                                                              |         |            |
| 外部链接           | <a href="#">Espacenet</a>                                                                                                                                                                                                                                                                                                                                |         |            |

#### 摘要(译)

用于患者数据管理的系统和方法可以包括患者设备 ( 720,730,740 ) , 服务器 ( 710 ) 和计算设备 ( 760 ) 。患者设备 ( 720,730,740 ) 可以根据可以包括一组指令的订阅 ( 726 ) 来收集使用数据 ( 728 ) 。患者设备 ( 720,730,740 ) 还可以通过网络将收集的使用数据 ( 728 ) 发送到服务器 ( 710 ) 或计算设备 ( 760 ) 。该传输可以基于订阅中指定的触发事件而发生 ( 726 ) 。患者设备 ( 720,730,740 ) 还可以从服务器 ( 710 ) 接收对订阅 ( 726 ) 的更新, 以便改变患者设备收集和发送使用数据的过程。



| DOCUMENTS CONSIDERED TO BE RELEVANT                                                                                       |                                                                                                                                                                                         |                                                                                           |                                                                       |
|---------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Category                                                                                                                  | Content of document with indication, where appropriate, of relevant passages                                                                                                            | Relevant to whom                                                                          | CLASSIFICATION OF THE APPLICATION (IPC)                               |
| X                                                                                                                         | US 2013/260700 A1 (LAURA LAPOINT HANUEL [US] ET AL) 17 October 2013 (2013-10-17)<br>* paragraph [0001] - paragraph [0007] *<br>* figures 1-6 *                                          | 1-10                                                                                      | INT.<br>G06F19/00<br>A61M16/00<br>A61B5/00                            |
| Y                                                                                                                         | US 2008/251078 A1 (BUCKLEY MARK DAVID [DE] ET AL) 16 October 2008 (2008-10-16)<br>* paragraph [0002] - paragraph [0014] *<br>* paragraph [0023] - paragraph [0036] *<br>* figures 2-5 * | 3-10                                                                                      | ADD.<br>A61M16/10<br>A61M16/16<br>A61M16/08<br>A61M16/06<br>A61B5/087 |
| Y                                                                                                                         | EP 1 900 387 A1 (INVACARE CORP [US]) 19 March 2008 (2008-03-19)<br>* paragraph [0002] - paragraph [0003] *<br>* paragraph [0011] - paragraph [0032] *<br>* figures 1-5A *               | 3-10                                                                                      | TECHNICAL PHASES<br>SEARCHED (IPC)<br>G06F<br>A61M                    |
| The supplementary search report has been based on the first set of claims valid and available at the start of the search. |                                                                                                                                                                                         |                                                                                           |                                                                       |
| 1                                                                                                                         | The supplementary search report has been based on the first set of claims valid and available at the start of the search.                                                               |                                                                                           |                                                                       |
| Munich                                                                                                                    |                                                                                                                                                                                         | 14 December 2017                                                                          | Aguado, Miguel                                                        |
| CATEGORY OF CITED DOCUMENTS                                                                                               |                                                                                                                                                                                         | CATEGORY OF CITED DOCUMENTS                                                               |                                                                       |
| X: Document cited for prior art                                                                                           |                                                                                                                                                                                         | 1: Family of patents underlying the invention                                             |                                                                       |
| Y: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 2: Document cited for other reasons, not published in, or referred to in, the application |                                                                       |
| Z: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 3: Document cited for other reasons                                                       |                                                                       |
| W: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 4: Document cited for other reasons                                                       |                                                                       |
| V: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 5: Document cited for other reasons                                                       |                                                                       |
| U: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 6: Document cited for other reasons                                                       |                                                                       |
| T: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 7: Document cited for other reasons                                                       |                                                                       |
| S: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 8: Document cited for other reasons                                                       |                                                                       |
| R: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 9: Document cited for other reasons                                                       |                                                                       |
| Q: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 10: Document cited for other reasons                                                      |                                                                       |
| P: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 11: Document cited for other reasons                                                      |                                                                       |
| O: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 12: Document cited for other reasons                                                      |                                                                       |
| N: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 13: Document cited for other reasons                                                      |                                                                       |
| M: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 14: Document cited for other reasons                                                      |                                                                       |
| L: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 15: Document cited for other reasons                                                      |                                                                       |
| K: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 16: Document cited for other reasons                                                      |                                                                       |
| J: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 17: Document cited for other reasons                                                      |                                                                       |
| I: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 18: Document cited for other reasons                                                      |                                                                       |
| H: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 19: Document cited for other reasons                                                      |                                                                       |
| G: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 20: Document cited for other reasons                                                      |                                                                       |
| F: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 21: Document cited for other reasons                                                      |                                                                       |
| E: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 22: Document cited for other reasons                                                      |                                                                       |
| D: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 23: Document cited for other reasons                                                      |                                                                       |
| C: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 24: Document cited for other reasons                                                      |                                                                       |
| B: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 25: Document cited for other reasons                                                      |                                                                       |
| A: Document cited for other reasons                                                                                       |                                                                                                                                                                                         | 26: Document cited for other reasons                                                      |                                                                       |