



(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 84**

(48) Corrigendum issued on:  
**19.05.2021 Bulletin 2021/20**

(45) Date of publication and mention  
of the grant of the patent:  
**07.04.2021 Bulletin 2021/14**

(21) Application number: **10838780.4**

(22) Date of filing: **22.12.2010**

(51) Int Cl.:  
**A61M 16/00** <sup>(2006.01)</sup> **A61M 13/00** <sup>(2006.01)</sup>  
**A61M 39/00** <sup>(2006.01)</sup> **B32B 3/26** <sup>(2006.01)</sup>  
**B32B 3/30** <sup>(2006.01)</sup> **B32B 5/22** <sup>(2006.01)</sup>  
**B32B 3/28** <sup>(2006.01)</sup> **B32B 5/18** <sup>(2006.01)</sup>  
**B32B 27/00** <sup>(2006.01)</sup> **A62B 7/00** <sup>(2006.01)</sup>  
**A61M 16/01** <sup>(2006.01)</sup> **A61M 16/06** <sup>(2006.01)</sup>  
**A61M 16/08** <sup>(2006.01)</sup> **A61M 16/10** <sup>(2006.01)</sup>  
**A61M 16/16** <sup>(2006.01)</sup>

(86) International application number:  
**PCT/IB2010/003454**

(87) International publication number:  
**WO 2011/077250 (30.06.2011 Gazette 2011/26)**

(54) **COMPONENTS FOR MEDICAL CIRCUITS**

**BESTANDTEILE FÜR MEDIZINISCHE SCHALTKREISE**

**ÉLÉMENTS POUR CIRCUITS MÉDICAUX**

(84) Designated Contracting States:  
**AL AT BE BG CH CY CZ DE DK EE ES FI FR GR**  
**HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL**  
**PT RO RS SE SI SK SM TR**

(30) Priority: **22.12.2009 US 289089 P**

(43) Date of publication of application:  
**31.10.2012 Bulletin 2012/44**

(60) Divisional application:  
**21160568.8**

(73) Proprietor: **Fisher & Paykel Healthcare Limited**  
**East Tamaki, Auckland 2013 (NZ)**

(72) Inventors:  
• **HERMEZ, Laith, Adeeb**  
**St Heliers**  
**Auckland 1071 (NZ)**

• **ORCHARD, Kieran, Michael**  
**Hawera, 4671 (NZ)**  
• **GIERKE, Timothy, Dee**  
**Wilmington, Delaware 19810 (US)**

(74) Representative: **Mewburn Ellis LLP**  
**Aurora Building**  
**Counterslip**  
**Bristol BS1 6BX (GB)**

(56) References cited:  
**EP-A1- 1 516 643 EP-A2- 1 166 814**  
**EP-B1- 0 521 726 WO-A1-2009/012049**  
**US-A1- 2003 207 640 US-A1- 2004 099 268**  
**US-A1- 2009 020 124 US-B1- 6 203 534**  
**US-B2- 7 140 366**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).