



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11) **EP 0 948 938 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

Note: Bibliography reflects the latest situation

(15) Correction information: **Corrected version no 1 (W1 B1)**  
**INID code(s) 73**

(51) Int Cl.: **A61B 17/32 (2006.01)**

(48) Corrigendum issued on:  
**09.08.2006 Bulletin 2006/32**

(45) Date of publication and mention  
of the grant of the patent:  
**14.06.2006 Bulletin 2006/24**

(21) Application number: **99302752.3**

(22) Date of filing: **08.04.1999**

(54) **Double sealed acoustic isolation members for ultrasonic waveguides**

Doppelabgedichtete schallisolierende Elemente für Ultraschallwellenleiter

Éléments d'isolation acoustique à double étanchéité pour guide d'ondes ultrasonores

(84) Designated Contracting States:  
**DE ES FR GB NL**

(30) Priority: **09.04.1998 US 58088**

(43) Date of publication of application:  
**13.10.1999 Bulletin 1999/41**

(73) Proprietor: **ETHICON ENDO-SURGERY, INC.**  
**Cincinnati, Ohio 45242 (US)**

(72) Inventor: **Estabrook, Brian**  
**Foxboro, MA 02035 (US)**

(74) Representative: **Mercer, Christopher Paul**  
**Carpmaels & Ransford**  
**43, Bloomsbury Square**  
**London WC1A 2RA (GB)**

(56) References cited:  
**EP-A- 0 554 616** **WO-A-93/16646**  
**WO-A-95/10233** **US-A- 4 431 006**  
**US-A- 4 474 180** **US-A- 5 346 502**

**EP 0 948 938 B8**

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).