



(11) **EP 1 747 757 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:
Corrected version no 1 (W1 B1)
Corrections, see
Bibliography INID code(s) 73

(51) Int Cl.:
A61B 8/08 (2006.01)

(48) Corrigendum issued on:
29.02.2012 Bulletin 2012/09

(45) Date of publication and mention
of the grant of the patent:
14.09.2011 Bulletin 2011/37

(21) Application number: **06015465.5**

(22) Date of filing: **25.07.2006**

(54) **Ultrasound system for displaying an elastic image**

Ultraschallsystem zur Wiedergabe eines elastischen Bildes

Système à ultrasons pour visualiser une image élastique

(84) Designated Contracting States:
DE FR IT

(30) Priority: **27.07.2005 KR 20050068269**
28.12.2005 KR 20050131465

(43) Date of publication of application:
31.01.2007 Bulletin 2007/05

(73) Proprietor: **Samsung Medison Co., Ltd.**
Kangwon-do (KR)

(72) Inventors:
• **Moon, Hae Yean**
Discusser & Medison Building
Seoul 135-280 (KR)

• **Kim, Cheol An**
Discusser & Medison Building
Seoul 135-280 (KR)
• **Yoon, Ra Young**
Discusser & Medison Building
Seoul 135-280 (KR)

(74) Representative: **Schmid, Wolfgang**
Lorenz & Kollegen
Patentanwälte Partnerschaftsgesellschaft
Alte Ulmer Strasse 2
89522 Heidenheim (DE)

(56) References cited:
EP-A- 1 554 982 JP-A- 2005 066 041
US-A- 4 926 871 US-A- 5 497 249
US-A1- 2005 119 568

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).

EP 1 747 757 B8

专利名称(译)	用于显示弹性图像的超声系统		
公开(公告)号	EP1747757B8	公开(公告)日	2012-02-29
申请号	EP2006015465	申请日	2006-07-25
申请(专利权)人(译)	MEDISON CO. , LTD.		
当前申请(专利权)人(译)	三星MEDISON CO. , LTD.		
[标]发明人	MOON HAE YEAN DISCUSSE & MEDISON BUILDING KIM CHEOL AN DISCUSSE & MEDISON BUILDING YOON RA YOUNG DISCUSSE & MEDISON BUILDING		
发明人	MOON, HAE YEAN DISCUSSE & MEDISON BUILDING KIM, CHEOL AN DISCUSSE & MEDISON BUILDING YOON, RA YOUNG DISCUSSE & MEDISON BUILDING		
IPC分类号	A61B8/08		
CPC分类号	A61B8/485 A61B5/0053 A61B8/08 G01S7/52042		
代理机构(译)	SCHMID , WOLFGANG		
优先权	1020050131465 2005-12-28 KR 1020050068269 2005-07-27 KR		
其他公开文献	EP1747757A1 EP1747757B1		
外部链接	Espacenet		

摘要(译)

本申请涉及一种超声系统，包括：超声诊断单元（110），用于提供目标对象的超声扫描信息和施加到目标对象的应力信息，超声诊断单元包括具有应力施加单元和应力的探针测量传感器围绕其扫描平面；弹性图像处理单元（120），用于根据超声波扫描信息和应力信息形成弹性图像；显示器（130）用于显示弹性图像的单元。