

**(19) AUSTRALIAN PATENT OFFICE**

(54) Title  
Method and apparatus for noninvasive quantitative detection of fibrosis in the heart

(51)<sup>6</sup> International Patent Classification(s)  
A61B 5/00 (2006.01) 20060101AFI2008102  
A61B 5/00 3BHKR  
PCT/US2008/060020

(21) Application No: 2008240243 (22) Application Date: 2008.04.11

(87) WIPO No: WO08/128033

(30) Priority Data

(31) Number (32) Date (33) Country  
60/911,110 2007.04.11 US

(43) Publication Date : 2008.10.23

(71) Applicant(s)  
Oregon Health & Science University

(72) Inventor(s)  
Jerosch-Herold, Michael; Chugh, Sumeet S.

(74) Agent/Attorney  
FB Rice & Co, Level 23 44 Market Street, Sydney, NSW, 2000