

Title (en)  
METHOD OF MEASURING BLOOD FLOW VELOCITY PERFORMED BY MEDICAL IMAGING APPARATUS, AND THE MEDICAL IMAGING APPARATUS

Title (de)  
VERFAHREN ZUR MESSUNG DER BLUTSTRÖMUNGSGESCHWINDIGKEIT, DURCHGEFÜHRT VON EINER VORRICHTUNG ZUR MEDIZINISCHEN BILDGEBUNG SOWIE DIE VORRICHTUNG ZUR MEDIZINISCHEN BILDGEBUNG

Title (fr)  
MÉTHODE DE MESURE DE VITESSE DE DÉBIT SANGUIN MISE EN OEUVRE PAR UN APPAREIL D'IMAGERIE MÉDICALE ET APPAREIL D'IMAGERIE MÉDICALE ASSOCIÉ

Publication  
**EP 3160340 A4 20180404 (EN)**

Application  
**EP 15814993 A 20150526**

Priority  
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Abstract (en)  
[origin: KR20160002294A] The present disclosure relates to a method of measuring a blood flow velocity by a medical imaging apparatus. The method of measuring a blood flow velocity by the medical imaging apparatus according to the present disclosure comprises: a step of obtaining first slab data of a first imaging slab to which a first bipolar gradient is applied; a step of obtaining second slab data of a second imaging slab to which a second bipolar gradient is applied, the second imaging slab being moved to a position moved from a position of the first imaging slab in the set direction; and a step of measuring the blood flow velocity based on data included in slices of the first slab data and slices of the second slab data, the slices of the first slab data corresponding at a same position as the slices of the second slab data on the object.

IPC 8 full level  
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CPC (source: EP US)  
**A61B 5/0263** (2013.01 - EP US); **A61B 5/7203** (2013.01 - EP); **G01R 33/563** (2013.01 - EP); **A61B 5/055** (2013.01 - EP US); **G06T 2207/10096** (2013.01 - EP); **G06T 2207/30104** (2013.01 - EP)

Citation (search report)  
• [X] US 5225779 A 19930706 - PARKER DENNIS L [US], et al  
• [X] US 2009161934 A1 20090625 - ZHAO MEIDE [US]  
• [I] US 4609872 A 19860902 - O'DONNELL MATTHEW [US]  
• See references of WO 2016003070A1

Designated contracting state (EPC)  
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