

Title (en)

APPARATUS, SOFTWARE AND METHOD FOR PROCESSING IMAGES FROM A PATIENT'S HEART

Title (de)

VORRICHTUNG, SOFTWARE UND VERFAHREN ZUR VERARBEITUNG VON PATIENTENHERZBILDERN

Title (fr)

APPAREIL, LOGICIEL ET PROCEDE POUR TRAITER DES IMAGES DU COEUR D'UN PATIENT

Publication

EP 1804662 A1 20070711 (EN)

Application

EP 05789050 A 20050916

Priority

- IB 2005053048 W 20050916
- EP 04104625 A 20040923
- EP 05789050 A 20050916

Abstract (en)

[origin: WO2006033066A1] The invention relates to an apparatus for processing images from a patient's heart comprising collecting means for collecting the images and processing means for processing said images in order to identify a necrotic area in the heart's myocardium, whereby the collecting means are arranged to collect functional images of the heart and late enhancement images of the heart, that registration means are provided to register the functional images in relation to the late-enhancement images and mapping means to map myocardial contours in the functional images in register with and onto the late-enhancement images.

IPC 8 full level

A61B 5/055 (2006.01); **G01R 33/28** (2006.01)

CPC (source: EP US)

A61B 5/055 (2013.01 - US); **G06T 7/0012** (2013.01 - EP); **G06T 7/33** (2016.12 - EP); **G06T 7/38** (2016.12 - EP); **A61B 5/055** (2013.01 - EP); **G01R 33/281** (2013.01 - EP); **G01R 33/567** (2013.01 - EP); **G06T 2200/08** (2013.01 - EP); **G06T 2207/30048** (2013.01 - EP)

Citation (search report)

See references of WO 2006033066A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006033066 A1 20060330; CN 101026998 A 20070829; EP 1804662 A1 20070711; JP 2008513087 A 20080501

DOCDB simple family (application)

IB 2005053048 W 20050916; CN 200580032257 A 20050916; EP 05789050 A 20050916; JP 2007531940 A 20050916