Title (en)

MEANS AND METHODS FOR OPTIMIZATION OF DIAGNOSTIC AND THERAPEUTIC APPROACHES IN CHRONIC ARTERY DISEASE BASED ON TROPONIN T AND NT-PROBNP

Title (de)

MITTEL UND VERFAHREN ZUR OPTIMIERUNG DIAGNOSTISCHER UND THERAPEUTISCHER ANSÄTZE BEI CHRONISCHER ARTERIENKRANKHEIT AUF DER GRUNDLAGE VON TROPONIN T UND NT-PROBNP

Title (fr)

MOYENS ET PROCÉDÉS D'OPTIMISATION D'APPROCHES DIAGNOSTIQUES ET THÉRAPEUTIQUES DANS UNE MALADIE ARTÉRIELLE CHRONIQUE BASÉS SUR LA TROPONINE T ET LE NT-PROBNP

Publication

EP 2089719 A2 20090819 (EN)

Application

EP 07847226 A 20071120

Priority

- EP 2007062562 W 20071120
- EP 06124479 A 20061121
- EP 07101946 A 20070208
- EP 07847226 A 20071120

Abstract (en)

[origin: WO2008061978A2] The present invention relates to diagnostic means and methods. Specifically, the present invention encompasses a method of diagnosing the cause of cardiac necrosis in a subject comprising determining the amount of a cardiac Troponin and the amount of a BNP-type peptide in a sample of subject suffering from cardiac necrosis and co mparing the amount of the said cardiac Troponin and the amount of the said BNP-type peptide to reference amounts, whereby the cause of the cardiac necrosis is to be diagnosed. The present invention, further, relates to a method of determining whether a subject suffering from cardiac necrosis is susceptible for a therapy against initial heart failure and a method for determining whether a subject suffering from cardiac necrosis is susceptible for a therapy against coronary heart disease. Also encompassed are diagnostic uses, devices and kits.

IPC 8 full level

G01N 33/68 (2006.01); **G01N 33/74** (2006.01)

CPC (source: EP)

A61P 9/10 (2017.12); **G01N 33/6893** (2013.01); G01N 2333/575 (2013.01); G01N 2800/325 (2013.01); G01N 2800/52 (2013.01)

Citation (search report)

See references of WO 2008061978A2

Citation (examination)

- EP 1890153 A1 20080220 - HOFFMANN LA ROCHE [CH], et al
- SUSANNE KORFF ET AL: "DIFFERENTIAL DIAGNOSIS OF ELEVATED TROPONINS", HEART, BMJ, LONDON, GB, vol. 92, 1 January 2006 (2006-01-01), pages 987 - 993, XP007917167, ISSN: 1355-6037, DOI: DOI:10.1136/HRT.2005.071282
- MICHAEL WEBER ET AL: "ROLE OF B-TYPE NATRIURETIC PEPTIDE (BNP) AND NT-PROBNP IN CLINICAL ROUTINE", HEART, BMJ, LONDON, GB, vol. 92, 1 January 2006 (2006-01-01), pages 843 - 849, XP007917168, ISSN: 1355-6037, DOI: DOI:10.1136/HRT.2005.071233
- TAMARA B HORWICH ET AL: "Cardiac Troponin I Is Associated With Impaired Hemodynamics, Progressive Left Ventricular Dysfunction, and Increased Mortality Rates in Advanced Heart Failure", CIRCULATION, LIPPINCOTT WILLIAMS & WILKINS, US, vol. 108, 1 January 2003 (2003-01-01), pages 833 - 838, XP007917179, ISSN: 0009-7322, [retrieved on 20030811], DOI: DOI:10.1161/01.CIR.0000084543.79097.34
- ISHII J ET AL: "Risk stratification using a combination of cardiac troponin T and brain natriuretic peptide in patients hospitalized for worsening chronic heart failure", AMERICAN JOURNAL OF CARDIOLOGY, CAHNERS PUBLISHING CO., NEWTON, MA, US, vol. 89, no. 6, 15 March 2002 (2002-03-15), pages 691 - 695, XP002377628, ISSN: 0002-9149, DOI: DOI:10.1016/S0002-9149(01)02341-4
- SEE RAPHAEL ET AL: "CURRENT STATUS OF RISK STRATIFICATION METHODS IN ACUTE CORONARY SYNDROMES", CURRENT CARDIOLOGY REPORTS, CURRENT SCIENCE, PHILADELPHIA, PA, US, vol. 8, no. 4, 1 January 2006 (2006-01-01), pages 282 - 288, XP009078224, ISSN: 1523-3782
- JAMES ET AL: "Troponin-T and N-Terminal Pro-B-Type Natriuretic Peptide Predict Mortality Benefit From Coronary@?Revascularization@?in@?Acute@?Corona ry@?Syndromes", JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, ELSEVIER, NEW YORK, NY, US, vol. 48, no. 6, 19 September 2006 (2006-09-19), pages 1146 - 1154, XP005649960, ISSN: 0735-1097, DOI: DOI:10.1016/J.JACC.2006.05.056

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2008061978 A2 20080529; **WO 2008061978 A3 20080710**; EP 2089719 A2 20090819; JP 2010510481 A 20100402; JP 5306218 B2 20131002

DOCDB simple family (application)

EP 2007062562 W 20071120; EP 07847226 A 20071120; JP 2009536751 A 20071120