

Title (en)  
METHODS USING DNA METHYLATION FOR IDENTIFYING A CELL OR A MIXTURE OF CELLS FOR PROGNOSIS AND DIAGNOSIS OF DISEASES, AND FOR CELL REMEDIATION THERAPIES

Title (de)  
VERFAHREN MIT DNA-METHYLIERUNG ZUR IDENTIFIZIERUNG EINER ZELLE ODER EINER MISCHUNG VON ZELLEN ZUR PROGNOSE UND DIAGNOSE VON ERKRANKUNGEN SOWIE FÜR ZELLHEILUNGSTHERAPIEN

Title (fr)  
PROCÉDÉS FAISANT APPEL À LA MÉTHYLATION DE L'ADN POUR IDENTIFIER UNE CELLULE OU UN MÉLANGE DE CELLULES AFIN DE PRONOSTIQUER ET DE DIAGNOSTIQUER DES MALADIES ET POUR EFFECTUER DES TRAITEMENTS DE RÉPARATION CELLULAIRE

Publication  
**EP 2714933 A4 20141231 (EN)**

Application  
**EP 12789375 A 20120525**

Priority

- US 201161489883 P 20110525
- US 201161509644 P 20110720
- US 201261585892 P 20120112
- US 201261619663 P 20120403
- US 2012039699 W 20120525

Abstract (en)  
[origin: WO2012162660A2] Methods using DNA Methylation arrays are provided for identifying a cell or mixture of cells and for quantification of alterations in distribution of cells in blood or in tissues, and for diagnosing, prognosing and treating disease conditions, particularly cancer. The methods use fresh and archival samples.

IPC 8 full level  
**C12Q 1/68** (2006.01); **C12N 15/11** (2006.01); **G06F 17/10** (2006.01); **G16B 20/10** (2019.01); **G16B 20/20** (2019.01); **G16B 40/30** (2019.01); **G16B 40/20** (2019.01)

CPC (source: EP US)  
**C12Q 1/6883** (2013.01 - EP); **G16B 20/10** (2019.01 - EP US); **G16B 20/20** (2019.01 - EP US); **G16B 40/30** (2019.01 - EP US); **C12Q 2600/154** (2013.01 - EP); **G16B 20/00** (2019.01 - EP); **G16B 40/00** (2019.01 - EP); **G16B 40/20** (2019.01 - EP US)

Citation (search report)

- [YA] EP 1826278 A1 20070829 - EPIONTIS GMBH [DE]
- [XYI] JOSE I. MARTIN-SUBERO ET AL: "A Comprehensive Microarray-Based DNA Methylation Study of 367 Hematological Neoplasms", PLOS ONE, vol. 4, no. 9, E6986, 11 September 2009 (2009-09-11), pages 1 - 11, XP055139130, DOI: 10.1371/journal.pone.0006986
- [YA] WU MINGQI ET AL: "Bayesian modeling of ChIP-chip data using latent variables.", BMC BIOINFORMATICS, vol. 10, 352, 2009, pages 13PP, XP002731974, ISSN: 1471-2105
- [XAI] KRISTI KERKEL ET AL: "Altered DNA Methylation in Leukocytes with Trisomy 21", PLOS GENETICS, vol. 6, no. 11, E1001212, 18 November 2010 (2010-11-18), pages 1 - 13, XP055139128, DOI: 10.1371/journal.pgen.1001212
- See references of WO 2012162660A2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2012162660 A2 20121129; WO 2012162660 A3 20130328**; CA 2869295 A1 20121129; EP 2714933 A2 20140409; EP 2714933 A4 20141231

DOCDB simple family (application)  
**US 2012039699 W 20120525**; CA 2869295 A 20120525; EP 12789375 A 20120525