

Title (en)
ARRAYS, METHODS AND KITS FOR PREPARATION AND USE OF SYNTENIC GENOMIC ARRAYS FOR DIAGNOSTICS AND TOXICOLOGY

Title (de)
ARRAYS, VERFAHREN UND KITS ZUR HERSTELLUNG UND VERWENDUNG SYNTENISCHER GENOMISCHER ARRAYS FÜR DIAGNOSTIK UND TOXIKOLOGIE

Title (fr)
JEUX ORDONNES D'ECHANTILLONS, PROCEDES ET KITS DE PREPARATION ET D'UTILISATION DE JEUX ORDONNES D'ECHANTILLONS GENOMIQUES SYNTENIQUES POUR L'ETABLISSEMENT DE DIAGNOSTICS ET LA TOXICOLOGIE

Publication
EP 1664273 A4 20090401 (EN)

Application
EP 04780031 A 20040802

Priority
• US 2004025124 W 20040802
• US 49195603 P 20030801

Abstract (en)
[origin: WO2005012500A2] The invention provides arrays, array-based methods, apparatuses and kits for detecting genetic abnormalities in cell populations, such as biopsy or body fluid samples or cultures of cancer cells, for comparing syntenic chromosome strans of different species, thereby optimizing performance of an array-based genomic hybridization.

IPC 8 full level
C12Q 1/68 (2006.01)

IPC 8 main group level
C12N (2006.01)

CPC (source: EP)
C12Q 1/6837 (2013.01); **C12Q 2600/158** (2013.01)

Citation (search report)
• [X] WO 02095065 A2 20021128 - AZIGN BIOSCIENCE AS [DK], et al
• [X] WO 0148242 A2 20010705 - MERGEN LTD [US], et al
• [A] EP 1134293 A2 20010919 - UNIV CALIFORNIA [US]
• [X] LOCKE D P ET AL: "LARGE-SCALE VARIATION AMONG HUMAN AND GREAT APE GENOMES DETERMINED BY ARRAY COMPARATIVE GENOMIC HYBRIDIZATION", GENOME RESEARCH, COLD SPRING HARBOR LABORATORY PRESS, WOODBURY, NY, US, vol. 13, no. 3, 1 March 2003 (2003-03-01), pages 347 - 357, XP001180261, ISSN: 1088-9051
• See references of WO 2005012500A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005012500 A2 20050210; WO 2005012500 A3 20070531; AU 2004262040 A1 20050210; CA 2534441 A1 20050210; EP 1664273 A2 20060607; EP 1664273 A4 20090401; JP 2007521014 A 20070802

DOCDB simple family (application)
US 2004025124 W 20040802; AU 2004262040 A 20040802; CA 2534441 A 20040802; EP 04780031 A 20040802; JP 2006522687 A 20040802