

Title (en)

BIOMARKERS FOR SCREENING, PREDICTING, AND MONITORING PROSTATE DISEASE

Title (de)

BIOMARKIERUNGEN ZUM SCREENEN, VORHERSAGEN UND ÜBERWACHEN VON PROSTATA-ERKRANKUNGEN

Title (fr)

BIOMARQUEURS PERMETTANT DE DEPISTER, DE PREVOIR ET DE SURVEILLER UNE MALADIE DE LA PROSTATE

Publication

EP 1828917 A2 20070905 (EN)

Application

EP 05824959 A 20051114

Priority

- US 2005041442 W 20051114
- US 62762604 P 20041112
- US 65134005 P 20050209

Abstract (en)

[origin: WO2006053328A2] Gene expression data are analyzed using learning machines such as support vector machines (SVM) and ridge regression classifiers to rank genes according to their ability to separate prostate cancer from BPH (benign prostatic hyperplasia) and to distinguish cancer volume. Other tests identify biomarker candidates for distinguishing between tumor (Grade 3 and Grade 4 (G3/4)) and normal tissue.

IPC 8 full level

C12Q 1/68 (2006.01); **G01N 33/48** (2006.01); **G01N 33/574** (2006.01); **G16B 20/20** (2019.01); **G16B 25/10** (2019.01)

CPC (source: EP US)

C12Q 1/6886 (2013.01 - EP); **G01N 33/57434** (2013.01 - EP); **G16B 20/20** (2019.01 - EP US); **G16B 25/10** (2019.01 - EP US); **G16B 40/00** (2019.01 - EP); **G16B 40/20** (2019.01 - EP US); **C12Q 2600/112** (2013.01 - EP); **C12Q 2600/158** (2013.01 - EP); **G01N 2800/56** (2013.01 - EP); **G16B 20/00** (2019.01 - EP); **G16B 25/00** (2019.01 - EP)

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

WO 2006053328 A2 20060518; **WO 2006053328 A3 20101028**; **WO 2006053328 A8 20110203**; EP 1828917 A2 20070905; EP 1828917 A4 20120425

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