

Title (en)

COMPUTATIONAL SYSTEM FOR MODELLING PROTEIN EXPRESSION IN AN ORGAN

Title (de)

RECHENSYSTEM FÜR PROTEINEXPRESSIONSMODELLIERUNG IN EINEM ORGAN

Title (fr)

SYSTEME INFORMATIQUE PERMETTANT LA MODELISATION DE L'EXPRESSION D'UNE PROTEINE DANS UN ORGANE

Publication

**EP 1311972 A2 20030521 (EN)**

Application

**EP 01946650 A 20010622**

Priority

- US 0119918 W 20010622
- US 59912800 A 20000622

Abstract (en)

[origin: WO0198935A2] A computational model of an organ is disclosed along with a process for assessing the microscopic and whole organ impact of genetic differences that occur in single cells comprising the organ. The genetic differences in the model are based on changes on protein function or distribution associated with genetic mutations, gender, disease or allele based variations in the pattern of gene expression.

IPC 1-7

**G06F 17/00**

IPC 8 full level

**G01N 33/48** (2006.01); **A61B 5/00** (2006.01); **G01N 33/68** (2006.01); **G06F 17/13** (2006.01); **G06F 19/00** (2011.01)

CPC (source: EP)

**G16H 50/50** (2017.12)

Citation (search report)

See references of WO 0198935A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0198935 A2 20011227; WO 0198935 A3 20030313;** AU 6866801 A 20020102; CA 2412375 A1 20011227; EP 1311972 A2 20030521; IL 152962 A0 20030624; JP 2004508073 A 20040318; NZ 522699 A 20060831

DOCDB simple family (application)

**US 0119918 W 20010622;** AU 6866801 A 20010622; CA 2412375 A 20010622; EP 01946650 A 20010622; IL 15296201 A 20010622; JP 2002503709 A 20010622; NZ 52269901 A 20010622