

Title (en)

METHOD FOR IDENTIFYING CELL-SPECIFIC PROTEINS

Title (de)

VERFAHREN ZUR IDENTIFIZIERUNG VON ZELLSPEZIFISCHEN PROTEINEN

Title (fr)

PROCEDE POUR IDENTIFIER DES PROTEINES SPECIFIQUES DE CELLULES

Publication

**EP 1224472 A1 20020724 (DE)**

Application

**EP 01974224 A 20010831**

Priority

- DE 10043470 A 20000904
- EP 0110075 W 20010831

Abstract (en)

[origin: WO0221137A1] The invention relates to a method for identifying cell-specific proteins involving the following steps: a) determining cell-specific protein combination patterns of n cells; b) comparing the protein combination patterns of healthy and pathologically or physiologically altered cells of one cell type or comparing the protein combination patterns of cells of different cell types with the same clinical characteristics; c1) subtracting the matching portions of the protein combination patterns, compared in method step b), of healthy and pathologically or physiologically altered cells of one cell type and determining a cell-specific protein resulting therefrom or; c2) subtracting the non-matching portions of the protein combination patterns, compared in method step b), of cells of different cell types with the same clinical characteristics and determining a cell-specific protein resulting therefrom, and; d) carrying out the molecular and spatial identification of the resulting cell-specific protein.

IPC 1-7

**G01N 33/68; C12N 15/10; G06F 19/00**

IPC 8 full level

**G01N 33/48** (2006.01); **C12N 15/10** (2006.01); **G01N 33/53** (2006.01); **G01N 33/68** (2006.01)

CPC (source: EP US)

**C12N 15/1072** (2013.01 - EP US); **G01N 33/68** (2013.01 - EP US); **G01N 33/6803** (2013.01 - EP US)

Citation (search report)

See references of WO 0221137A1

Cited by

WO2020216439A1; EP4212593A1; EP4212594A1; WO2022043023A1; EP4257702A1; EP4286532A1; WO2022048780A1; EP4177607A1; EP3916393A1; WO2020207963A1; EP4343326A1; EP4361286A1; EP4039822A1; EP3037821A1; EP3336546A1; EP3489684A1; WO2021094356A1; EP3936623A1; WO2022013198A1

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 0221137 A1 20020314**; CN 1388898 A 20030101; DE 10043470 A1 20020328; DE 10043470 B4 20060119; EP 1224472 A1 20020724; JP 2004508554 A 20040318; US 2003096318 A1 20030522; US 7676328 B2 20100309

DOCDB simple family (application)

**EP 0110075 W 20010831**; CN 01802673 A 20010831; DE 10043470 A 20000904; EP 01974224 A 20010831; JP 2002524705 A 20010831; US 12931602 A 20020716