

Title (en)

METHOD OF PRODUCING A SUBTRACTION LIBRARY

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER SUBTRAKTIONS-BIBLIOTHEK

Title (fr)

PROCEDE DE REALISATION D'ECHANTILLOTHEQUE SOUSTRACTIVE

Publication

**EP 1005653 A1 20000607 (EN)**

Application

**EP 98913043 A 19980324**

Priority

- US 9805644 W 19980324
- US 4168897 P 19970324

Abstract (en)

[origin: WO9843088A1] A method of producing a subtraction library using a collection of defined sequences is described. The method involves providing a surface containing a collection consisting of known nucleic acid sequences, which is subsequently contacted with a library containing undefined sequences under appropriate hybridization conditions. Any non-hybridized DNA is recovered and sequenced. The resulting sequenced, non-hybridizing DNA forms a subtraction library which contains sequences which were present in the library, and which differ from the sequences of the collection. Also described is a subtraction library prepared according to the method of the invention. Methods are also provided for making and using subtracted probes.

IPC 1-7

**G01N 33/566**; **C12Q 1/68**; **C12N 15/10**

IPC 8 full level

**C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **C12Q 1/6809** (2018.01); **C12Q 1/6837** (2018.01); **G01N 33/15** (2006.01); **G01N 33/50** (2006.01); **G01N 33/53** (2006.01); **G01N 33/566** (2006.01)

CPC (source: EP)

**C12Q 1/6809** (2013.01); **C12Q 1/6837** (2013.01)

Designated contracting state (EPC)

BE CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

**WO 9843088 A1 19981001**; CA 2284481 A1 19981001; EP 1005653 A1 20000607; EP 1005653 A4 20040506; JP 2002507275 A 20020305

DOCDB simple family (application)

**US 9805644 W 19980324**; CA 2284481 A 19980324; EP 98913043 A 19980324; JP 54586898 A 19980324