

Title (en)
REASSORTMENT BY FRAGMENT LIGATION

Title (de)
NEUMISCHUNG MITTELS FRAGMENTLIGATION

Title (fr)
RÉASSORTIMENT PAR LIGATURE DE FRAGMENT

Publication
EP 2061908 A1 20090527 (EN)

Application
EP 07784795 A 20070815

Priority
• AU 2007001156 W 20070815
• US 83809806 P 20060815

Abstract (en)
[origin: WO2008019439A1] The present invention provides methods for preparing polynucleotide variants. In one aspect of the invention, the method comprises: a) exposing a pool of two or more related polynucleotides to at least one nicking enzyme, where at least some of the polynucleotides are partially and/or fully double stranded, b) removing, and/or inhibiting the activity of, the at least one nicking enzyme, c) denaturing the polynucleotides, d) allowing the denatured polynucleotides to form at least partially double stranded polynucleotides, e) exposing the double stranded polynucleotides formed in step d) to a ligase. Also provided are methods of making a polynucleotide and/or polypeptide having a desired property.

IPC 8 full level
C12P 19/34 (2006.01); **C12Q 1/68** (2006.01)

CPC (source: EP)
C12P 19/34 (2013.01)

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

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008019439 A1 20080221; AU 2007234569 B1 20071220; AU 2007234569 C1 20080529; CA 2660705 A1 20080221;
EP 2061908 A1 20090527; EP 2061908 A4 20100113; IL 197046 A0 20091118; JP 2010500040 A 20100107

DOCDB simple family (application)
AU 2007001156 W 20070815; AU 2007234569 A 20070815; CA 2660705 A 20070815; EP 07784795 A 20070815; IL 19704609 A 20090215;
JP 2009524047 A 20070815