

Title (en)

ENCODING OF ORGANOMETALLIC LIBRARIES

Title (de)

KODIERUNG VON ORGANOMETALLISCHEN BIBLIOTHEKEN

Title (fr)

CODAGE DE BANQUES ORGANOMETALLIQUES

Publication

EP 0950114 A1 19991020 (EN)

Application

EP 98934381 A 19980710

Priority

- US 9814293 W 19980710
- US 89871597 A 19970722
- US 5681897 P 19970822
- US 3320798 A 19980302

Abstract (en)

[origin: WO9905318A1] The present invention discloses methods and materials for constructing combinatorial libraries composed of organometallic compounds immobilized on solid supports and encoded with detectable tags. The encoded library of organometallic compound is especially useful for rapidly screening large numbers of member compounds for catalytic performance. These immobilized catalysts can be pooled in a single reactor where they are screened for a predefined property, such as catalytic activity and selectivity.

IPC 1-7

B01J 19/00; **C12Q 1/68**; **G01N 33/53**; **G01N 33/543**; **C07B 61/00**

IPC 8 full level

B01J 19/00 (2006.01); **C07B 61/00** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/53** (2006.01); **G01N 33/543** (2006.01)

CPC (source: EP)

C07F 7/1804 (2013.01); **C07F 15/045** (2013.01); **C12Q 1/00** (2013.01); **C40B 30/08** (2013.01); **C40B 40/16** (2013.01); **C40B 50/14** (2013.01); **G01N 33/58** (2013.01); **C07B 2200/11** (2013.01)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9905318 A1 19990204; EP 0950114 A1 19991020; EP 0950114 A4 20040728

DOCDB simple family (application)

US 9814293 W 19980710; EP 98934381 A 19980710