

Title (en)
SIZE-EXCLUSION ION-EXCHANGE PARTICLES

Title (de)
GRÖSSENDISKRIMINIERENDE IONENAUSTAUSCHERTEILCHEN

Title (fr)
PARTICULE D'ECHANGE IONIQUE A EXCLUSION DE DIMENSION

Publication
EP 1525052 A1 20050427 (EN)

Application
EP 03771853 A 20030725

Priority

- US 0323337 W 20030725
- US 39885202 P 20020726
- US 41417903 A 20030414
- US 41379703 A 20030414
- US 41393503 A 20030414

Abstract (en)
[origin: WO2004011592A2] Devices are provided which include supports upon which one or more ion-exchange materials can be disposed for purifying a sample. In various embodiments, the supports include a plurality of deformable members, for example, petal-shaped purification members, that provide binding sites for ion-exchange material and optionally biochemical species, chemicals, salts, or other materials. An apparatus and method are also provided for the insertion and removal of the purification members into respective wells of a multi-well microplate.

IPC 1-7
B01J 47/00

IPC 8 full level
C12N 15/09 (2006.01); **B01D 15/00** (2006.01); **B01J 13/14** (2006.01); **B01J 39/08** (2006.01); **B01J 39/18** (2006.01); **B01J 39/26** (2006.01); **B01J 47/00** (2006.01); **B01L 3/00** (2006.01); **C12M 1/00** (2006.01); **C12N 15/10** (2006.01); **C12Q 1/68** (2006.01); **B01D 15/34** (2006.01); **G01N 1/34** (2006.01)

IPC 8 main group level
C12M (2006.01)

CPC (source: EP)
B01J 13/14 (2013.01); **B01J 47/018** (2016.12); **B01D 15/34** (2013.01); **G01N 2001/4016** (2013.01)

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WO 2004011592 A2 20040205; **WO 2004011592 A3 20040422**; AU 2003254174 A1 20040216; AU 2003254175 A1 20040216; AU 2003256787 A1 20040216; AU 2003256787 A8 20040216; EP 1525052 A1 20050427; EP 1525053 A1 20050427; EP 1525299 A2 20050427; JP 2005533646 A 20051110; WO 2004011141 A1 20040205; WO 2004011142 A1 20040205

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