

Title (en)

APPARATUS FOR MULTI-WELL MICROSCALE SYNTHESIS

Title (de)

MEHRGEFÄSSVORRICHTUNG FÜR SYNTHESE IM MIKROMASSSTAB

Title (fr)

APPAREIL MULTIPUITS POUR SYNTHÈSE À PETITE ÉCHELLE

Publication

EP 0948409 A4 20011205 (EN)

Application

EP 97950641 A 19971118

Priority

- US 9721228 W 19971118
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Abstract (en)

[origin: WO9822219A1] A multi-well synthesis and filtration apparatus (10) for performing multiple, simultaneous chemical reactions, workups and purifications on a micro scale. The apparatus (10) includes a deep-well synthesis block (12) having a plurality of wells (24) fitted with filter disks (48), an upper cover (14), a lower cover (16) and a pair of sheet gaskets (18 and 20). The sheet gaskets (18 and 20) are interposed between the upper and lower covers (14 and 16) to seal inlet portions (38) and outlet spouts (40) of the wells (24). Apertures (70) in the upper cover (14) provide that the sheet gasket (18) may be punctured for introduction of materials and/or maintenance of an inert atmosphere. The design is such that either the synthesis block (12) alone, or the block (12) as covered, is dimensionally of a size that provides for a footprint that is the same as a standard microplate.

IPC 1-7

B01J 19/00; **B01L 3/00**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] WO 9002605 A1 19900322 - MELDAL MORTEN [DK], et al
- [A] US 5380662 A 19950110 - ROBBINS ARTHUR J [US], et al
- See references of WO 9822219A1

Designated contracting state (EPC)

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