

Title (en)
SYSTEMS AND METHODS FOR COMBINATORIAL ORGANIC SYNTHESIS OF ARRAYS OF REACTION

Title (de)
SYSTEME UND VERFAHREN ZUR KOMBINATORISCHEN ORGANISCHEN SYNTHESE VON REAKTIONSMATRIZEN

Title (fr)
SYSTEMES ET PROCEDES POUR LA SYNTHESE COMBINATOIRE D'ARRANGEMENTS DE REACTION CHIMIQUE

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Abstract (en)
[origin: WO9920395A1] The present system is useful for the synthesis of chemical compounds and can be used for solid state or liquid chemistries. In one embodiment, the system (10) includes a reagent delivery/vent unit (20) and a chemical processing unit (30) containing a plurality of reaction vessels (50). The reagent delivery/vent unit has a plurality of tubular structures (100) adapted to slidably engage cavities (104) in the chemical processing unit to form a circumferential seal about each of the tubular structures. The delivery/vent unit typically uses a fluid interface head containing the tubular structures to engage the chemical processing unit. The chemical processing unit preferably uses a cassette (110) to house all of the reaction vessels and defines the plurality of elongate cavities adapted to receive the tubular structures.

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