

Title (en)
SYNTHESIZING AND SCREENING MOLECULAR DIVERSITY

Title (de)
DIE SYNTHESE UND UNTERSUCHUNG MOLEKULARER DIVERSITÄT

Title (fr)
SYNTHETISATION ET CRIBLAGE DE DIVERSES MOLECULES

Publication
EP 0726906 A4 19981007 (EN)

Application
EP 95902404 A 19941102

Priority

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- US 14688693 A 19931102
- US 14967593 A 19931102

Abstract (en)

[origin: WO9512608A1] A device and method for efficiently synthesizing diverse molecular products on substrates. A parent vessel (200) contains a suspension of substrates. The suspension is pressurized with argon and transferred to a plurality of reaction vessels (201-209) in one or more reaction vessel banks where monomer addition reactions take place. Optionally, the substrates may be tagged with a tag monomer. A vortexing motor (300) vortexes the contents of reaction vessels (201-209) during monomer addition reactions to enhance synthesis. After the desired monomer and/or tag monomer addition reaction, the suspension is pressurized with argon and transferred back to parent vessel (200) for mixing. Thereafter, the suspension may be pressurized with argon and reallocated among reaction vessels (201-209) for further synthesis.

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IPC 8 full level
G01N 21/27 (2006.01); **B01J 19/00** (2006.01); **C07B 61/00** (2006.01); **C07H 21/00** (2006.01); **C07K 1/04** (2006.01); **C07K 1/06** (2006.01); **C12M 1/00** (2006.01); **C12N 15/09** (2006.01); **C12Q 1/68** (2006.01); **G01J 1/42** (2006.01); **C40B 40/06** (2006.01); **C40B 40/10** (2006.01); **C40B 40/12** (2006.01); **C40B 60/14** (2006.01)

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Citation (search report)

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- See references of WO 9512608A1

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