

Title (en)

AUTOMATED SYNTHESIS REACTOR SYSTEM WITH A RECIRCULATION LOOP

Title (de)

AUTOMATISIERTES SYNTHESEREAKTORSYSTEM MIT UMWÄLZKREISLAUF

Title (fr)

SYSTEME AUTOMATISE DE REACTEUR DE SYNTHESE AVEC UNE BOUCLE DE RECIRCULATION

Publication

**EP 3788056 A1 20210310 (FR)**

Application

**EP 18758651 A 20180504**

Priority

FR 2018051142 W 20180504

Abstract (en)

[origin: WO2019211531A1] The present invention relates to an automated system of reactors for carrying out a solid-phase peptide synthesis, and more particularly a solid-phase peptide synthesizer which is automated, by means of a reactor with a liquid-recirculation loop making it possible to measure, in real time, chemical species in the reactor via measuring cells. This system comprises inlet pipes, namely: the pipes (1) dedicated to the introduction of resin, (2) dedicated to the introduction of the synthesis and washing solvent, (3) dedicated to the introduction of the agent for deprotecting the amino acid introduced, (4) dedicated to the introduction of the reagents, and comprises an assembly reactor (9) and a loop for recirculation (10) of the liquid of the reactor.

IPC 8 full level

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Citation (search report)

See references of WO 2019211531A1

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