

Title (en)
HIGH PERFORMANCE PEPTIDE SYNTHESIS.

Title (de)
PEPTIDE SYNTHESE HOHER AUSBEUTE.

Title (fr)
SYNTHESE DE PEPTIDE A RENDEMENT ELEVE.

Publication
EP 0073828 A4 19831109 (EN)

Application
EP 82901235 A 19820309

Priority
US 24231181 A 19810310

Abstract (en)
[origin: WO8203077A1] In the method for the synthesis of a polypeptide chain on an insoluble solid support wherein an amino acid is introduced into a reactor packed with an insoluble solid support containing substituent groups reactive with said amino acid, coupling said amino acid to said support by condensation reaction with said reactive substituent groups, introducing a second similar or dissimilar amino acid into said reactor and coupling said second amino acid to said first amino acid and repeating the process until the desired polypeptide is obtained, the improvement wherein a pressurized flow system is used to obtain rapid reactions and quantitative yields of the desired products.

IPC 1-7
C07C 103/52

IPC 8 full level
C07K 1/04 (2006.01); **C40B 40/10** (2006.01); **C40B 60/14** (2006.01)

CPC (source: EP)
C07K 1/04 (2013.01); **C07K 1/045** (2013.01); **B01J 2219/00418** (2013.01); **B01J 2219/0059** (2013.01); **B01J 2219/00596** (2013.01); **B01J 2219/00725** (2013.01); **C40B 40/10** (2013.01); **C40B 60/14** (2013.01)

Citation (search report)

- US 4192798 A 19800311 - FULLER WILLIAM D [US], et al
- US 3557077 A 19710119 - BRUNFELDT KAY, et al
- DE 1933846 A1 19700115 - SHIMADZU CORP

Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)
WO 8203077 A1 19820916; EP 0073828 A1 19830316; EP 0073828 A4 19831109; ZA 821537 B 19840125

DOCDB simple family (application)
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