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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7: C12P 21/06 // C12N 9/50, C07K 14/605 — A1

(11) International Publication Number: WO 00/28067

(43) International Publication Date: 18 May 2000 (18.05.00)

(21) International Application Number: PCT/US99/26060

(22) International Filing Date: 5 November 1999 (05.11.99)

(30) Priority Data:

60/107,311	6 November 1998 (06.11.98)	US
09/212,663	16 December 1998 (16.12.98)	US

(63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Applications

US	60/107,311 (CIP)
Filed on	6 November 1998 (06.11.98)
US	09/212,663 (CIP)
Filed on	16 December 1998 (16.12.98)

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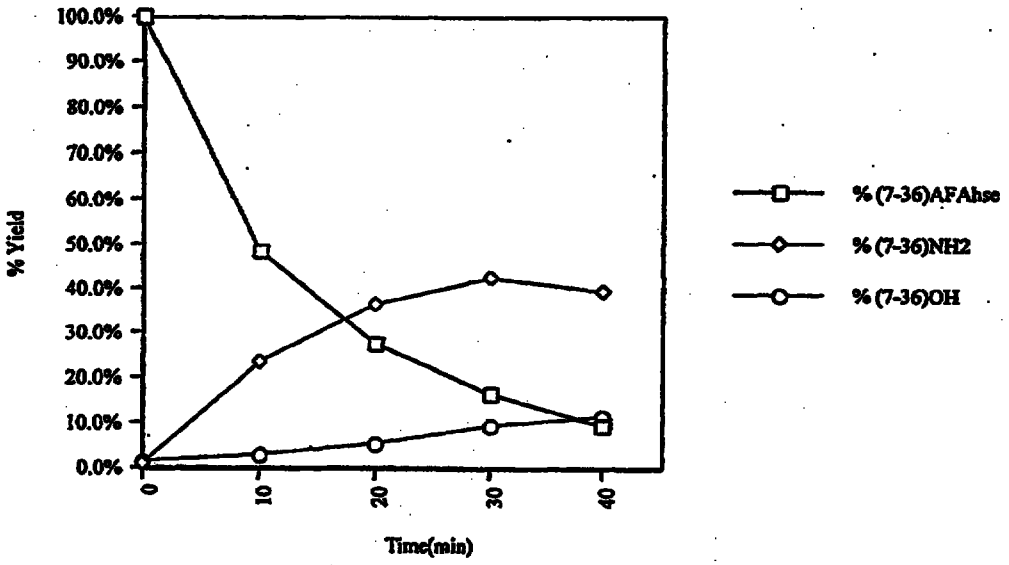
(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: ENZYMATIC AMIDATION OF PEPTIDES



(57) Abstract

The invention provides a method of producing a polypeptide having a C–terminal α–carboxamide group. It particularly concerns an enzymatic modification of selected substrate polypeptides which result in cleavage of the substrate polypeptide to form a product peptide with a C–terminal arginine residue having an α–carboxamide group (C–terminal "Arg–NH_2"). The method includes contacting an aqueous–based solution including (i) ammonia reagent and (ii) the substrate polypeptide with (iii) clostripain.