

Title (en)

MODIFIED PROTEINS AND METHODS OF THEIR PRODUCTION

Title (de)

MODIFIZIERTE PROTEINE UND METHODEN FUER IHRE PRODUKTION

Title (fr)

PROTEINES MODIFIEES ET PROCEDES DE PRODUCTION

Publication

**EP 0835323 A4 19990811 (EN)**

Application

**EP 96922498 A 19960619**

Priority

- US 9610545 W 19960619
- US 49624795 A 19950628
- US 58055595 A 19951229

Abstract (en)

[origin: WO9701642A1] The present invention is directed to modified proteins and methods of their production. The modified proteins comprise a controllable intervening protein sequence (CIVPS) inserted into a target protein, the CIVPS being capable of excision from or cleavage of the modified protein under predetermined conditions in cis or in trans, i.e., increase in temperature, exposure to light, unblocking of amino acid residues by dephosphorylation, treatment with chemical reagents or deglycosylation. If desired, the modified protein can be subjected to these conditions. The CIVPS may also be inserted into a region that substantially inactivates target protein activity.

IPC 1-7

**C12P 21/00**; **C12N 9/22**; **C12N 9/48**; **C12N 15/55**; **C12N 15/62**; **C07K 1/22**

IPC 8 full level

**C12N 15/09** (2006.01); **C07K 1/107** (2006.01); **C07K 1/22** (2006.01); **C07K 14/00** (2006.01); **C07K 19/00** (2006.01); **C12N 9/12** (2006.01); **C12N 9/14** (2006.01); **C12N 9/16** (2006.01); **C12N 9/22** (2006.01); **C12N 9/24** (2006.01); **C12N 9/96** (2006.01); **C12N 15/55** (2006.01); **C12N 15/62** (2006.01); **C12P 21/02** (2006.01); **C12P 21/06** (2006.01)

CPC (source: EP)

**C07K 1/1075** (2013.01); **C12N 9/1252** (2013.01); **C12N 9/14** (2013.01); **C12N 9/22** (2013.01); **C12N 9/2442** (2013.01); **C12N 9/2471** (2013.01); **C12N 15/62** (2013.01); **C12P 21/02** (2013.01); **C12Y 302/01014** (2013.01); **C12Y 302/01023** (2013.01); **C12Y 302/01081** (2013.01); **C07K 2319/20** (2013.01); **C07K 2319/21** (2013.01); **C07K 2319/92** (2013.01); **C07K 2319/95** (2013.01)

Citation (search report)

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- [A] CLARKE N.D.: "A proposed mechanism for the self-splicing of proteins.", PROC. NATL. ACAD. SCI. USA, vol. 91, November 1994 (1994-11-01), pages 11084 - 11088, XP002105838
- See references of WO 9701642A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 9701642 A1 19970116**; CA 2236948 A1 19970116; CA 2236948 C 20081028; EP 0835323 A1 19980415; EP 0835323 A4 19990811; EP 1642980 A1 20060405; JP 2002503944 A 20020205; JP 4476360 B2 20100609

DOCDB simple family (application)

**US 9610545 W 19960619**; CA 2236948 A 19960619; EP 05076460 A 19960619; EP 96922498 A 19960619; JP 52647996 A 19960619