

Title (en)
CELL FREE SYSTEM FOR PROTEIN SYNTHESIS AND USE OF CHAPERONE PROTEINS THEREIN

Title (de)
ZELLFREIES SYSTEM FÜR DIE PROTEINSYNTHESE UND DIE VERWENDUNG VON CHAPERONPROTEINEN DABEI

Title (fr)
SYSTEME ACELLULAIRE S'APPLIQUANT A LA SYNTHÈSE PROTÉIQUE ET UTILISATION DE PROTÉINES CHAPERONS

Publication
EP 0693131 A4 19980610 (EN)

Application
EP 94914083 A 19940408

Priority

- US 9403860 W 19940408
- US 4544593 A 19930408
- US 21997194 A 19940404

Abstract (en)
[origin: WO9424303A1] The present invention provides a novel high efficiency method for the cell free engineering and synthesis of protein. A novel method of the present invention comprises the steps of: preparing a cell free extract; separating out a ribosome fraction from said extract; incubating said ribosome fraction in the presence of a transcription/translation medium; and measuring the amount of protein synthesized. The method of the present invention may be used as a coupled transcription/translation system, a translation only system or a cell-free continuous flow system. Also provided are methods for synthesis of proteins and their correct folding using chaperone proteins.

IPC 1-7
C12P 21/00

IPC 8 full level
C12N 15/09 (2006.01); **C12P 21/02** (2006.01)

CPC (source: EP KR)
C07K 1/14 (2013.01 - KR); **C07K 1/16** (2013.01 - KR); **C12P 21/02** (2013.01 - EP)

Citation (search report)

- [XY] EP 0401369 A1 19901212 - INST BELKA AKAD NAUK SSSR [SU]
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- [Y] GETHING M.J. & SAMBROOK J.: "Protein folding in the cell", NATURE, vol. 355, - 2 January 1992 (1992-01-02), pages 33 - 45, XP002060491
- See references of WO 9424303A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 9424303 A1 19941027; AU 6628894 A 19941108; AU 693443 B2 19980702; CA 2159899 A1 19941027; EP 0693131 A1 19960124; EP 0693131 A4 19980610; IL 109262 A0 19940826; JP H08508651 A 19960917; KR 960701892 A 19960328; NZ 265504 A 19960925

DOCDB simple family (application)
US 9403860 W 19940408; AU 6628894 A 19940408; CA 2159899 A 19940408; EP 94914083 A 19940408; IL 10926294 A 19940408; JP 52331994 A 19940408; KR 19950704388 A 19951007; NZ 26550494 A 19940408