

Title (en)
METHODS FOR CELL FREE PROTEIN EXPRESSION OF MATURE POLYPEPTIDES DERIVED FROM ZYMOGENS AND PROPROTEINS

Title (de)
VERFAHREN ZUR ZELLFREIEN PROTEINEXPRESSION VON REIFEN POLYPEPTIDEN AUS ZYMOGENEN UND PROPROTEINEN

Title (fr)
PROCÉDÉS POUR L'EXPRESSION DE PROTÉINES ACELLULAIRES DE POLYPEPTIDES MATURES DÉRIVÉS DE ZYMOGÈNES ET DE PROPROTÉINES

Publication
EP 4114931 A1 20230111 (EN)

Application
EP 20923242 A 20200903

Priority
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• US 2020049226 W 20200903

Abstract (en)
[origin: WO2021178001A1] High throughput cell free protein synthesis methods and systems are provided for expression of active, mature enzymes and proteins derived from zymogens and proproteins. Zymogens and proproteins are expressed in their mature, active form in a cell free expression system, without cleavage of a pro-sequence to produce the active polypeptide.

IPC 8 full level
C12N 9/10 (2006.01); **C12N 15/52** (2006.01)

CPC (source: EP KR)
A01N 25/10 (2013.01 - KR); **A01N 25/28** (2013.01 - KR); **A01N 63/50** (2020.01 - EP KR); **A01P 1/00** (2021.08 - EP);
A61K 8/66 (2013.01 - EP KR); **A61K 8/736** (2013.01 - EP KR); **A61K 9/1652** (2013.01 - EP KR); **A61Q 19/00** (2013.01 - EP KR);
C12N 9/1044 (2013.01 - EP KR); **C12N 15/52** (2013.01 - EP); **A61K 2800/10** (2013.01 - EP KR); **A61K 2800/524** (2013.01 - EP KR);
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C-Set (source: EP)
A01N 63/50 + A01N 25/10 + A01N 25/28

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
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