Title (en)

MODIFIED CONSTRUCT DOWNSTREAM OF THE INITIATION CODON FOR RECOMBINANT PROTEIN OVEREXPRESSION

Title (de)

EXPRESSIONSVEKTOREN MIT MUTIERTEM TRYPTOPHANOPERON-FRAGMENT

Title (fr)

VECTEURS D'EXPRESSION COMPRENANT UN FRAGMENT MODIFIE DE L'OPERON TRYPTOPHANE

Publication

**EP 1315822 A2 20030604 (FR)**

Application

**EP 01947565 A 20010621**

Priority

- FR 0101952 W 20010621
- FR 0008002 A 20000622

Abstract (en)

[origin: WO0198453A2] The invention concerns a construct for expressing a gene coding for a recombinant protein of interest placed under the control of a tryptophan operon (Ptrp) in a prokaryotic cell, comprising directly downstream of the initiation codon a nucleic sequence SEQ ID N<o> 1 and downstream of said sequence a multiple cloning cassette designed to receive the gene coding for said recombinant protein of interest, at least nucleic acids of the nucleic sequence SEQ ID N<o> 1 being mutated or deleted so as to enable overexpression of said recombinant protein. The invention also concerns a vector containing such a construct, a prokaryotic host cell transformed by said vector, as well as a method for producing a recombinant protein of interest using the inventive construct.

IPC 1-7

**C12N 15/71**; C12N 15/67

IPC 8 full level

**C12N 15/09** (2006.01); **A61K 38/00** (2006.01); **C12N 1/21** (2006.01); **C12N 15/71** (2006.01); **C12P 21/02** (2006.01)

CPC (source: EP US)

**C12N 15/71** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**WO 0198453 A2 20011227**; **WO 0198453 A3 20020801**; AU 6922401 A 20020102; BR 0111907 A 20031230; CA 2413612 A1 20011227; CN 1443242 A 20030917; EP 1315822 A2 20030604; FR 2810675 A1 20011228; FR 2810675 B1 20020927; JP 2004500875 A 20040115; MX PA02012880 A 20030514; US 2004260060 A1 20041223

DOCDB simple family (application)

**FR 0101952 W 20010621**; AU 6922401 A 20010621; BR 0111907 A 20010621; CA 2413612 A 20010621; CN 01812988 A 20010621; EP 01947565 A 20010621; FR 0008002 A 20000622; JP 2002504602 A 20010621; MX PA02012880 A 20010621; US 31197603 A 20031119