

Title (en)
P EF-TU EXPRESSION UNITS

Title (de)
P EF-TU-EXPRESSIONSEINHEITEN

Title (fr)
UNITES D'EXPRESSION DE P EF-TU

Publication
EP 1697525 A2 20060906 (DE)

Application
EP 04803887 A 20041215

Priority
• EP 2004014266 W 20041215
• DE 10359594 A 20031218

Abstract (en)
[origin: WO2005059093A2] The invention relates to the use of nucleic acid sequences for regulating gene transcription and expression, said novel promoters and expression units, methods for modifying or inducing the gene transcription rate and/or expression rate, expression cassettes containing said expression units, genetically modified microorganisms having a modified or induced transcription rate and/or expression rate, and methods for producing biosynthetic products by cultivating said genetically modified microorganisms.

IPC 8 full level
C12N 15/77 (2006.01); **C07K 14/34** (2006.01); **C12N 1/00** (2006.01); **C12N 1/21** (2006.01); **C12N 15/63** (2006.01); **C12N 15/67** (2006.01); **C12P 1/00** (2006.01); **C12P 13/08** (2006.01); **C12P 13/12** (2006.01)

IPC 8 main group level
C12N (2006.01)

CPC (source: EP KR US)
C07K 14/34 (2013.01 - EP KR US); **C12N 15/63** (2013.01 - KR); **C12N 15/67** (2013.01 - KR); **C12N 15/77** (2013.01 - EP KR US); **C12P 13/08** (2013.01 - EP US); **C12P 13/12** (2013.01 - EP US)

Citation (search report)
See references of WO 2005059093A2

Citation (examination)
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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005059093 A2 20050630; WO 2005059093 A3 20060302; AR 047150 A1 20060111; AU 2004298546 A1 20050630; BR PI0417710 A 20070320; CA 2548349 A1 20050630; CN 101255419 A 20080903; CN 101255419 B 20120620; CN 1894412 A 20070110; DE 10359594 A1 20050728; EP 1697525 A2 20060906; EP 1908842 A2 20080409; EP 1908842 A3 20080827; EP 1908842 B1 20130918; ES 2439946 T3 20140127; IN 2598CH2006 A 20070608; IN 415CH2008 A 20080919; JP 2007514425 A 20070607; JP 2008212155 A 20080918; JP 5710095 B2 20150430; KR 101162226 B1 20120704; KR 20070000431 A 20070102; MX PA06006131 A 20060811; NO 20062683 L 20060911; PL 1908842 T3 20140331; RU 2006125501 A 20080127; TW 200530398 A 20050916; US 2008118948 A1 20080522; US 2008166775 A1 20080710; US 7785779 B2 20100831; US 8044191 B2 20111025; ZA 200605863 B 20080130

DOCDB simple family (application)
EP 2004014266 W 20041215; AR P040104735 A 20041217; AU 2004298546 A 20041215; BR PI0417710 A 20041215; CA 2548349 A 20041215; CN 200480037928 A 20041215; CN 200810008953 A 20041215; DE 10359594 A 20031218; EP 04803887 A 20041215; EP 07123785 A 20041215; ES 07123785 T 20041215; IN 2598CH2006 A 20041215; IN 415CH2008 A 20080124; JP 2006544325 A 20041215; JP 2008095756 A 20080402; KR 20067014165 A 20041215; MX PA06006131 A 20041215; NO 20062683 A 20060609; PL 07123785 T 20041215; RU 2006125501 A 20041215; TW 93138985 A 20041215; US 3860308 A 20080227; US 58291804 A 20041215; ZA 200605863 A 20060717