

Title (en)  
HYPERTHERMIC INDUCIBLE EXPRESSION VECTORS FOR GENE THERAPY AND METHODS OF USE THEREOF

Title (de)  
HYPERTHERMISCHER INDUZIERBARER EXPRESSIONSVEKTOR FÜR GENTHERAPIE UND VERFAHREN ZUR IHRE VERWENDUNG

Title (fr)  
VECTEURS D'EXPRESSION INDUCTIBLE PAR HYPERTHERMIE UTILES POUR LA THERAPIE GENIQUE ET PROCEDES D'UTILISATION DE CEUX-CI

Publication  
**EP 1029041 A2 20000823 (EN)**

Application  
**EP 98957538 A 19981103**

Priority  
• US 9823387 W 19981103  
• US 6408897 P 19971103

Abstract (en)  
[origin: WO9923216A2] Methods and compositions are provided for transgene expression in target cells. Expression constructs using an inducible amplification system to drive expression of a therapeutic gene or other gene of interest in mammalian host cells are provided, as well as methods therefor. Inducible expression of the transgenes at high levels under physiologic conditions results from induction by hyperthermic conditions relative to the basal temperature of the host cells.

IPC 1-7  
**C12N 15/10**; **C12N 15/12**; **C12N 15/63**; **C07K 14/47**; **C12N 15/11**; **C12N 5/06**; **C12N 5/10**; **A61K 48/00**

IPC 8 full level  
**C12N 15/09** (2006.01); **A61K 48/00** (2006.01); **A61P 35/00** (2006.01); **C07K 14/47** (2006.01); **C12N 5/10** (2006.01); **C12N 15/63** (2006.01); **C12N 15/85** (2006.01); **C12P 21/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP KR)  
**A61K 48/00** (2013.01 - EP); **A61P 35/00** (2017.12 - EP); **C12N 15/10** (2013.01 - KR); **C12N 15/63** (2013.01 - EP); **C12N 15/85** (2013.01 - EP); **C12N 2830/002** (2013.01 - EP); **C12N 2830/85** (2013.01 - EP); **C12N 2840/20** (2013.01 - EP)

Citation (search report)  
See references of WO 9923216A2

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

DOCDB simple family (publication)  
**WO 9923216 A2 19990514**; **WO 9923216 A3 19990805**; AU 1377299 A 19990524; BR 9813917 A 20011030; CA 2308575 A1 19990514; CN 1299411 A 20010613; EP 1029041 A2 20000823; IL 135943 A0 20010520; JP 2001521740 A 20011113; KR 20010031762 A 20010416

DOCDB simple family (application)  
**US 9823387 W 19981103**; AU 1377299 A 19981103; BR 9813917 A 19981103; CA 2308575 A 19981103; CN 98812752 A 19981103; EP 98957538 A 19981103; IL 13594398 A 19981103; JP 2000519075 A 19981103; KR 20007004827 A 20000503