

Title (en)
NOVEL PROMOTER ELEMENTS FOR PERSISTENT GENE EXPRESSION

Title (de)
PROMOTORELEMENTE FÜR ANDAUERENDE GENEXPRESSION

Title (fr)
NOUVEAUX ELEMENTS DE PROMOTEUR ASSURANT L'EXPRESSION GENIQUE DURABLE

Publication
EP 1045919 A1 20001025 (EN)

Application
EP 99902292 A 19990115

Priority
• US 9900915 W 19990115
• US 7167398 P 19980116

Abstract (en)
[origin: WO9936557A1] The invention is directed to novel promoter elements for the persistent expression of an operably linked transgene. In one aspect the promoter elements are derived from the cytomegalovirus intermediate early promoter (CMV). In particular embodiments of the invention, an adenoviral vector or plasmid comprising CMV-derived promoter elements are used to achieve persistent expression of a transgene in a target cell. The invention is also directed to enhancer elements which effectuate increased expression of a transgene operably linked to CMV-derived promoter elements. In one aspect, the enhancer elements are derived from the human albumin gene.

IPC 1-7
C12N 15/85; **C12N 15/86**; **C12N 15/12**; **A61K 48/00**

IPC 8 full level
A61K 35/76 (2006.01); **A61K 48/00** (2006.01); **C12N 15/09** (2006.01); **C12N 15/12** (2006.01); **C12N 15/85** (2006.01); **C12N 15/861** (2006.01)

CPC (source: EP)
C12N 15/85 (2013.01); **C12N 15/86** (2013.01); **A01K 2217/075** (2013.01); **A61K 48/00** (2013.01); **C12N 2710/10343** (2013.01); **C12N 2830/00** (2013.01); **C12N 2830/60** (2013.01)

Citation (search report)
See references of WO 9936557A1

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 9936557 A1 19990722; AU 2231099 A 19990802; CA 2317934 A1 19990722; EP 1045919 A1 20001025; JP 2002508974 A 20020326

DOCDB simple family (application)
US 9900915 W 19990115; AU 2231099 A 19990115; CA 2317934 A 19990115; EP 99902292 A 19990115; JP 2000540258 A 19990115