

Title (en)
HIGH LEVEL AMPLIFICATION AND EXPRESSION OF EXOGENOUS DNA.

Title (de)
HOCHSTUFIGE VERSTÄRKUNG UND EXPRESSION VON EXOGENER DNS.

Title (fr)
AMPLIFICATION ET EXPRESSION A UN NIVEAU ELEVE D'ADN EXOGENE.

Publication
EP 0221955 A4 19881222 (EN)

Application
EP 86903076 A 19860428

Priority
US 72930685 A 19850501

Abstract (en)
[origin: WO8606409A1] A method for producing high level expression of a selected protein and cell line and vectores useful therein. This method involves incorporating an exogenous ADA gene and an exogenous gene coding for a desired protein into a cell line containing an endogenous ADA gene.

IPC 1-7
C12P 21/00; **C12N 5/00**; **C12N 15/00**

IPC 8 full level
C12N 15/00 (2006.01); **C12N 5/00** (2006.01); **C12N 5/10** (2006.01); **C12N 9/78** (2006.01); **C12N 15/09** (2006.01); **C12N 15/85** (2006.01); **C12P 21/00** (2006.01); **C12R 1/91** (2006.01)

CPC (source: EP)
C12N 9/78 (2013.01); **C12N 15/85** (2013.01)

Citation (search report)

- [Y] EP 0117060 A2 19840829 - GENENTECH INC [US]
- [Y] FEDERATION PROCEEDINGS, vol. 44, no. 3, 1st March 1985, page 667, abstract 1502, Washington, D.C., US; J. PFEILSTICKER et al.: "Construction of a mammalian expression vector containing a cDNA for rat adenosine deaminase"
- [AD] JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 258, no. 13, 10th July 1983, pages 8338-8345, Washington, D.C., US; C.-Y. YEUNG et al.: "Selective overproduction of adenosine deaminase in cultured mouse cells"
- [T] PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCE, vol. 83, May 1986, pages 3136-3140, Washington, D.C., US; R.J. KAUFMAN et al.: "Selection and amplification of heterologous genes encoding adenosine deaminase in mammalian cells"
- See references of WO 8606409A1

Designated contracting state (EPC)
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