

Title (en)

METHODS AND MATERIALS FOR EXPRESSION OF HUMAN PLASMINOGEN IN A EUKARYOTIC CELL SYSTEM

Publication

**EP 0467987 A4 19920708 (EN)**

Application

**EP 90907737 A 19900426**

Priority

US 34580189 A 19890501

Abstract (en)

[origin: WO9013640A1] Recombinant human plasminogen may be produced in invertebrate cells or in other eukaryotic cells lacking a site-specific plasminogen activator by expression of a vector including a gene encoding human plasminogen. Human plasminogen may thus be expressed without degradation by plasmin produced by intracellular plasminogen activators found in mammalian cells. The plasminogen product of such expression may be purified, acylated, complexed with acylated or non-acylated fibrinolytic enzymes and formulated into pharmaceutical compositions for use in thrombolytic therapy.

IPC 1-7

**C12N 15/00; C12N 15/12; C12N 9/68; C12N 9/70; C12N 9/96; C12N 15/52; C12N 7/01**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XP] ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol. 271, no. 2, June 1989, pages 390-399; J. WHITEFLEET-SMITH et al.: "Expression of human plasminogen cDNA in a baculovirus vector-infected insect cell system"
- See references of WO 9013640A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

**WO 9013640 A1 19901115**; AU 5659690 A 19901129; AU 647391 B2 19940324; EP 0467987 A1 19920129; EP 0467987 A4 19920708; FI 915149 A0 19911031; JP H05500748 A 19930218; PT 93933 A 19910108

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**US 9002296 W 19900426**; AU 5659690 A 19900426; EP 90907737 A 19900426; FI 915149 A 19911031; JP 50779290 A 19900426; PT 9393390 A 19900430