

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)

A61P 7/02 (2017.12); **C07K 14/3153** (2013.01); **C07K 16/18** (2013.01); **C07K 16/40** (2013.01); **C12N 9/6435** (2013.01); **C12N 9/99** (2013.01); **C12N 15/85** (2013.01); **C12N 15/86** (2013.01); **C12Y 304/21007** (2013.01); **A61K 38/00** (2013.01); **C12N 2710/14143** (2013.01); **Y02A 50/30** (2017.12)

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)

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DOCDB simple family (application)

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