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(54) Title: RECOMBINANT VECTOR DERIVED FROM ADENO-ASSOCIATED VIRUS FOR GENE THERAPY

(57) Abstract: The present invention is related to a recombinant adeno-associated viral construct comprising at least: - a first terminal repeat of an Adeno Associated Virus - a strong heterologous promoter - an heterologous DNA with at least 90% homology to the gene encoding for a constitutively activated TGF- β 1 peptide, said gene being under the control of said promoter - a polyadenylation signal - a second terminal repeat of an Adeno Associated Virus.



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INTERNATIONAL SEARCH REPORT

Internal Application No
PCT/BE 02/00128

A. CLASSIFICATION OF SUBJECT MATTER
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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C12N A61K C07K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal, BIOSIS, EMBASE, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	ZEINOUN Z. ET AL.,: "Construction of a TGF- β 1 carrying vector which induces growth inhibition in epithelial cancer cells" PORC. OF THE AMERICAN ASSOCIATION FOR CANCER RESEARCH, vol. 40, - March 1999 (1999-03) pages 174-175, XP001026169 the whole document	1-13
X	WO 98 13070 A (DANOS OLIVIER ;MCARTHUR JAMES (US); SNYDER RICHARD (US); CELL GENE) 2 April 1998 (1998-04-02)	1-8, 13
Y	see whole doc. esp. p. 10, 1.26, claims and figures 1-4	9-12
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	ZEINOUN Z. ET AL.,: "Insufficient TGF-b1 production inactivates the autocrine growth suppressive circuit in human ovarian cancer cell lines" ANTICANCER RESEARCH, vol. 19, no. 1a, January 1999 (1999-01), pages 413-420, XP001036877 cited in the application esp. p.415,1.col.,3.par.ff. the whole document ----	9-12
A	WO 95 34670 A (CHILDRENS HOSPITAL INC) 21 December 1995 (1995-12-21) see whole doc. esp. claims and figures 3 and 4 ----	
A	EP 0 373 994 A (ONCOGEN) 20 June 1990 (1990-06-20) see whole doc. esp. claims 50, 51 and page 44, lines 25-40 -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

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