

Title (en)  
METHOD OF INDUCING VASODILATION AND TREATING PULMONARY HYPERTENSION USING ADENOVIRAL-MEDIATED TRANSFER OF THE NITRIC OXIDE SYNTHASE GENE

Title (de)  
VERFAHREN ZUR INDUZIERUNG VON GEFÄSSERWEITERUNG UND ZUR BEHANDLUNG DER PULMONALER HOCHBLUTDRUCK MITTELS ADENOVIRUS-GELENKTES TRANSFER DES STICKSTOFFOXIDSYNTASE GENS

Title (fr)  
PROCEDE SERVANT A PROVOQUER LA VASODILATATION ET A TRAITER L'HYPERTENSION PULMONAIRE AU MOYEN DU TRANSFERT PROVOQUE PAR ADENOVIRUS DU GENE DE SYNTHASE D'OXYDE NITRIQUE

Publication  
**EP 0979088 A1 20000216 (EN)**

Application  
**EP 97933529 A 19970717**

Priority  
• US 9712510 W 19970717  
• US 2191296 P 19960717

Abstract (en)  
[origin: WO9802170A1] This invention relates to a gene therapy method for inducing pulmonary vasodilation. More specifically, this invention involves introducing the nitric oxide synthase gene into lungs resulting in pulmonary vasodilation. This results in a hypotensive effect in the pulmonary circulation which does not significantly affect systemic blood pressure or cardiac index. This method is useful to treat primary pulmonary hypertension or pulmonary hypertension secondary to various disease states.

IPC 1-7  
**A61K 31/70**; C07H 21/04; C12N 15/12; C12N 15/63

IPC 8 full level  
**C12N 9/02** (2006.01); **C12N 15/12** (2006.01); **A61K 48/00** (2006.01)

CPC (source: EP)  
**C12N 9/0075** (2013.01); **A61K 48/00** (2013.01); **C12N 2799/027** (2013.01)

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9802170 A1 19980122**; CA 2260771 A1 19980122; EP 0979088 A1 20000216; EP 0979088 A4 20021106

DOCDB simple family (application)  
**US 9712510 W 19970717**; CA 2260771 A 19970717; EP 97933529 A 19970717