

Title (en)
GENE THERAPY FOR OBESITY

Title (de)
GENTERAPIE FÜR DIE FETTLLEIBIGKEIT

Title (fr)
THERAPIE GENIQUE DE L'OBESITE

Publication
EP 0921820 A4 20030115 (EN)

Application
EP 97932580 A 19970620

Priority
• GB 9615787 A 19960726
• US 9712131 W 19970620
• US 2081296 P 19960620

Abstract (en)
[origin: WO9748419A1] Gene therapy can treat obesity in mammals. An obesity regulating gene is delivered to a mammal. Preferably, the gene encodes leptin or a leptin receptor. The protein which is delivered and expressed in vivo is more effective than protein which is injected into the animal.

IPC 1-7
A61K 48/00; **C12N 15/12**; **C12N 15/86**

IPC 8 full level
A61K 48/00 (2006.01); **A61K 38/22** (2006.01); **A61P 3/04** (2006.01); **C07K 14/575** (2006.01); **C07K 14/715** (2006.01); **C12N 15/12** (2006.01); **C12N 15/861** (2006.01)

CPC (source: EP)
A61K 38/2264 (2013.01); **A61P 3/04** (2017.12); **C07K 14/5759** (2013.01); **C07K 14/715** (2013.01); **C12N 15/86** (2013.01); **A61K 48/00** (2013.01); **C12N 2710/10343** (2013.01)

Citation (search report)
• [XY] WO 9605309 A2 19960222 - UNIV ROCKEFELLER [US], et al
• [E] WO 9749827 A2 19971231 - CORNELL RES FOUNDATION INC [US], et al
• [E] WO 9725424 A1 19970717 - AMGEN INC [US], et al
• [E] WO 9748806 A1 19971224 - MERCK & CO INC [US], et al
• [X] FLETCHER F A ET AL: "REPLACEMENT GENE THERAPY PHENOTYPICALLY CORRECTS THE FAT DEPOSITION DEFECT IN OB/OB MICE, RESULTING IN NORMALIZED BODY WEIGHT", BLOOD, W.B. SAUNDERS, PHILADELPHIA, VA, US, vol. 86, no. 10, SUPPL 1, 15 November 1995 (1995-11-15), pages 241A, XP002042614, ISSN: 0006-4971
• [Y] CHUA S C ET AL: "PHENOTYPES OF MOUSE DIABETES AND RAT FATTY DUE TO MUTATIONS IN THE OB (LEPTIN) RECEPTOR", SCIENCE, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, US, vol. 271, 16 February 1996 (1996-02-16), pages 994 - 996, XP000941868, ISSN: 0036-8075
• See references of WO 9748419A1

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

DOCDB simple family (publication)
WO 9748419 A1 19971224; CA 2258504 A1 19971224; EP 0921820 A1 19990616; EP 0921820 A4 20030115; JP 2000514422 A 20001031

DOCDB simple family (application)
US 9712131 W 19970620; CA 2258504 A 19970620; EP 97932580 A 19970620; JP 50362998 A 19970620