

Title (en)
TRANSGENIC ANIMALS FOR TESTING MULTIDRUG RESISTANCE

Publication
EP 0451157 A4 19920102 (EN)

Application
EP 89912299 A 19891020

Priority
US 26082788 A 19881021

Abstract (en)
[origin: WO9004632A1] Transgenic animals carrying and expressing human MDR1 gene have been produced. These transgenic animals serve as a useful model for testing the efficacy of high dosage chemotherapy and for the development of novel chemotherapeutic agents against cancers.

IPC 1-7
C12N 5/00; C12N 15/00; A61K 49/00

IPC 8 full level
A01K 67/027 (2006.01); **A61K 49/00** (2006.01); **C07K 14/47** (2006.01); **C12N 5/10** (2006.01); **C12N 15/09** (2006.01); **C12N 15/85** (2006.01)

CPC (source: EP)
A01K 67/0278 (2013.01); **A61K 49/0008** (2013.01); **C07K 14/47** (2013.01); **C12N 15/85** (2013.01); **C12N 15/8509** (2013.01);
A01K 2207/15 (2013.01); **A01K 2217/00** (2013.01); **A01K 2217/05** (2013.01); **A01K 2227/105** (2013.01); **A01K 2267/025** (2013.01);
A01K 2267/03 (2013.01); **A01K 2267/0393** (2013.01)

Citation (search report)
• [E] WO 8912109 A1 19891214 - US HEALTH [US]
• [XP] MOLECULAR AND CELLULAR BIOLOGY, vol. 9, no. 10, October 1989, pages 4357-4363, American Society for Microbiology; H. GALSKI et al.: "Expression of a human multidrug resistance cDNA (MDR1) in the bone marrow of transgenic mice: Resistance to daunomycin-induced leukopenia"
• See references of WO 9004632A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
WO 9004632 A1 19900503; AU 4494589 A 19900514; AU 637986 B2 19930617; CA 2001128 A1 19900421; EP 0451157 A1 19911016;
EP 0451157 A4 19920102; IL 92070 A0 19900712; JP H03504560 A 19911009

DOCDB simple family (application)
US 8904686 W 19891020; AU 4494589 A 19891020; CA 2001128 A 19891020; EP 89912299 A 19891020; IL 9207089 A 19891022;
JP 51145389 A 19891020