

Title (en)
HUMAN ANTIBODIES DERIVED FROM IMMUNIZED XENOMICE

Title (de)
MENSCHLICHE ANTIKÖRPER AUS XENOMÄUSEN

Title (fr)
ANTICORPS HUMAINS DERIVES DE XENO-SOURIS IMMUNISEES

Publication
EP 0823941 A4 20010919 (EN)

Application
EP 95918935 A 19950428

Priority
• CA 2219486 A 19950428
• US 9505500 W 19950428

Abstract (en)
[origin: WO9634096A1] Antibodies with fully human variable regions against a specific antigen can be prepared by administering the antigen to a transgenic animal which has been modified to produce such antibodies in response to antigenic challenge, but whose endogenous loci have been disabled. Various subsequent manipulations can be performed to obtain either antibodies per se or analogs thereof.

IPC 1-7
C12N 15/00; C07K 16/00

IPC 8 full level
C07K 16/00 (2006.01); **C07K 16/12** (2006.01); **C07K 16/24** (2006.01); **C07K 16/28** (2006.01); **C07K 16/42** (2006.01); **C12N 15/00** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)
C07K 16/00 (2013.01); **C07K 16/1282** (2013.01); **C07K 16/241** (2013.01); **C07K 16/244** (2013.01); **C07K 16/2812** (2013.01); **C07K 16/2854** (2013.01); **C07K 16/2875** (2013.01); **C07K 16/4291** (2013.01); **A61K 38/00** (2013.01)

Citation (search report)
• [DX] WO 9402602 A1 19940203 - CELL GENESYS INC [US]
• [X] WO 9425585 A1 19941110 - GENPHARM INT [US], et al
• [E] WO 9633735 A1 19961031 - CELL GENESYS INC [US]
• [T] JAKOBOVITS A ET AL: "PRODUCTION OF ANTIGEN-SPECIFIC HUMAN ANTIBODIES FROM MICE ENGINEERED WITH HUMAN HEAVY AND LIGHT CHAIN YACS", ANNALS OF THE NEW YORK ACADEMY OF SCIENCES,US,NEW YORK ACADEMY OF SCIENCES, NEW YORK, NY, vol. 764, 29 September 1995 (1995-09-29), pages 525 - 535, XP002067728, ISSN: 0077-8923
• See references of WO 9634096A1

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

DOCDB simple family (publication)
WO 9634096 A1 19961031; AU 2466895 A 19961118; CA 2219486 A1 19961031; EP 0823941 A1 19980218; EP 0823941 A4 20010919

DOCDB simple family (application)
US 9505500 W 19950428; AU 2466895 A 19950428; CA 2219486 A 19950428; EP 95918935 A 19950428