

Title (en)
METHODS OF PRODUCING A TARGET MOLECULE IN A TRANSGENIC ANIMAL AND PURIFICATION OF THE TARGET MOLECULE

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES ZIELMOLEKÜLS BEI EINEM TRANSGENISCHEN TIER UND ZUR REINIGUNG DES
OBENGENANNTEN ZIELMOLEKÜLS

Title (fr)
METHODES DE PRODUCTION D'UNE MOLECULE CIBLE CHEZ UN ANIMAL TRANSGENIQUE ET DE PURIFICATION DE LA MOLECULE
CIBLE

Publication
EP 1220606 A1 20020710 (EN)

Application
EP 00970945 A 20001016

Priority
• US 0028589 W 20001016
• US 15974899 P 19991014
• US 20466200 P 20000517

Abstract (en)
[origin: WO0126455A1] The invention provides systems and methods for the production and purification of target molecules present in biological systems. The systems and methods according to the invention utilize transgenic expression of multivalent binding polypeptides, as affinity media, to purify such target molecules. The transgenic multivalent binding polypeptides bind both the target molecules, e.g., a bindable epitope of a target molecule, and a matrix.

IPC 1-7
A01K 67/00; **C07K 1/22**; **C12N 15/62**; **A01K 67/027**; **C07K 1/00**; **C12P 21/00**

IPC 8 full level
C07K 1/14 (2006.01); **C07K 1/22** (2006.01); **C07K 14/47** (2006.01); **C12N 15/09** (2006.01); **C12N 15/85** (2006.01); **A01K 67/027** (2006.01)

CPC (source: EP KR)
A01K 67/00 (2013.01 - KR); **C07K 1/22** (2013.01 - EP); **C12N 15/8509** (2013.01 - EP); **A01K 2207/15** (2013.01 - EP);
A01K 2217/00 (2013.01 - EP); **A01K 2217/05** (2013.01 - EP); **A01K 2227/10** (2013.01 - EP); **A01K 2267/01** (2013.01 - EP);
C12N 2830/008 (2013.01 - EP)

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

DOCDB simple family (publication)
WO 0126455 A1 20010419; AU 781944 B2 20050623; AU 8025400 A 20010423; BR 0014860 A 20030708; CA 2382741 A1 20010419;
CN 1322003 C 20070620; CN 1387399 A 20021225; EP 1220606 A1 20020710; EP 1220606 A4 20040414; HU P0203537 A2 20030228;
IL 149003 A0 20021110; JP 2003511048 A 20030325; KR 100772465 B1 20071102; KR 20030022759 A 20030317;
MX PA02003702 A 20020918; NO 20021686 D0 20020410; NO 20021686 L 20020612; NZ 518263 A 20040326; RU 2002112460 A 20040227

DOCDB simple family (application)
US 0028589 W 20001016; AU 8025400 A 20001016; BR 0014860 A 20001016; CA 2382741 A 20001016; CN 00815280 A 20001016;
EP 00970945 A 20001016; HU P0203537 A 20001016; IL 14900300 A 20001016; JP 2001529255 A 20001016; KR 20027004804 A 20001016;
MX PA02003702 A 20001016; NO 20021686 A 20020410; NZ 51826300 A 20001016; RU 2002112460 A 20001016