

Title (en)
ANTIBODIES HAVING DUAL SPECIFICITIES, THEIR PREPARATION AND USES THEREFOR.

Title (de)
ANTIKÖRPER MIT ZWEIFACHER SPEZIFIZITÄT, DEREN HERSTELLUNG UND VERWENDUNGEN.

Title (fr)
ANTICORPS AYANT DES DOUBLES SPECIFICITES, LEUR PREPARATION ET UTILISATION.

Publication
EP 0105360 A4 19860708 (EN)

Application
EP 83901672 A 19830412

Priority
US 36778482 A 19820412

Abstract (en)
[origin: WO8303679A1] Described herein are "polydomas", the product of the fusion of a hybridoma with a B-lymphocyte or another hybridoma. The polydomas produce a hybrid monoclonal antibody having a dual specificity against two different antigenic determinants. Also described are immunodiagnostic and immunotherapeutic processes which utilize the hybrid monoclonal antibodies or other antibodies having a dual specificity. In those processes, one specificity of the antibody is directed against a target antigen and the other against a moiety which permits a diagnosis to be made or which delivers an agent lethal to the target antigen or associated tissue.

IPC 1-7
G01N 33/54

IPC 8 full level
A61K 39/395 (2006.01); **A61K 45/00** (2006.01); **A61K 51/00** (2006.01); **A61K 51/10** (2006.01); **C07K 16/00** (2006.01); **C07K 16/46** (2006.01); **C07K 19/00** (2006.01); **C12N 5/00** (2006.01); **C12N 5/10** (2006.01); **C12N 5/12** (2006.01); **C12N 5/20** (2006.01); **C12N 15/00** (2006.01); **C12N 15/02** (2006.01); **C12P 21/00** (2006.01); **C12P 21/08** (2006.01); **G01N 33/53** (2006.01); **G01N 33/531** (2006.01); **G01N 33/536** (2006.01); **G01N 33/542** (2006.01); **G01N 33/543** (2006.01); **G01N 33/573** (2006.01); **G01N 33/576** (2006.01); **G01N 33/577** (2006.01); **C12R 1/91** (2006.01)

IPC 8 main group level
A61K (2006.01); **C07G** (2006.01); **C12N** (2006.01); **G01N** (2006.01)

CPC (source: EP)
A61K 51/109 (2013.01); **C07K 16/468** (2013.01); **A61K 2123/00** (2013.01)

Citation (search report)
C.L. Reading on symposium on Hybridomas and Cellular Immortality, 5-6 Nov. 1981, Houston; in proceedings "Hybridomas and Cellular Immortality", Plenum Press 1983, Tom and Allison Eds.;

Cited by
US10640508B2; EP0710723A1; EP2511299A1; WO2007011968A2; EP3248613A1; EP4026840A1; EP3165532A2; EP3165237A1; US11932650B2; WO2021138264A1; US11319526B2; US11820827B2; EP2377527A1; WO2015095953A1; WO2016041082A1; EP4029873A1; EP3505191A1; WO2020229982A1; WO2022097117A1; WO2014144871A1; EP3590922A1; US11730822B2; EP2609932A2; US10918735B2; WO2004010957A2; EP2353611A2; EP2357006A2; WO2011133658A1; US10918627B2; WO2023278377A1; WO2005089269A2; EP2260858A2; EP2478912A1; EP3120861A1; EP3138832A1; EP3434275A1; EP3858387A1

Designated contracting state (EPC)
BE DE FR NL SE

DOCDB simple family (publication)
WO 8303679 A1 19831027; AT 394577 B 19920511; AT A901883 A 19911015; AU 1555983 A 19831104; AU 550486 B2 19860320; CA 1213229 A 19861028; CH 672796 A5 19891229; EP 0105360 A1 19840418; EP 0105360 A4 19860708; ES 521370 A0 19850416; ES 527963 A0 19850216; ES 533930 A0 19851201; ES 533931 A0 19850616; ES 537257 A0 19860401; ES 538727 A0 19860201; ES 545247 A0 19860516; ES 8503441 A1 19850216; ES 8504461 A1 19850416; ES 8506091 A1 19850616; ES 8603080 A1 19851201; ES 8604424 A1 19860201; ES 8606655 A1 19860401; ES 8607386 A1 19860516; FI 834529 A0 19831209; FI 834529 A 19831209; GB 2128631 A 19840502; GB 2128631 B 19870225; GB 2167086 A 19860521; GB 2167086 B 19870304; GB 2168998 A 19860702; GB 2168998 B 19870304; GB 2169921 A 19860723; GB 2169921 B 19870304; GB 8332646 D0 19840111; GB 8530308 D0 19860122; GB 8530309 D0 19860122; GB 8530310 D0 19860122; IT 1219778 B 19900524; IT 8320548 A0 19830412; JP 2562002 B2 19961211; JP H0753119 B2 19950607; JP H0753600 A 19950228; JP S6312276 A 19880119

DOCDB simple family (application)
US 8300525 W 19830412; AT 901883 A 19830412; AU 1555983 A 19830412; CA 425558 A 19830411; CH 670083 A 19830412; EP 83901672 A 19830412; ES 521370 A 19830411; ES 527963 A 19831212; ES 533930 A 19840702; ES 533931 A 19840702; ES 537257 A 19841031; ES 538727 A 19841218; ES 545247 A 19850716; FI 834529 A 19831209; GB 8332646 A 19830412; GB 8530308 A 19851209; GB 8530309 A 19851209; GB 8530310 A 19851209; IT 2054883 A 19830412; JP 1672894 A 19940210; JP 34287 A 19870105