

Title (en)

RECOMBINANT PROTEINS HAVING MULTIPLE DISULFIDE BONDS AND THIOL-SUBSTITUTED CONJUGATES THEREOF

Title (de)

REKOMBINANTE PROTEINE MIT MEHREREN DISULFIDBINDUNGEN UND THIOLSUBSTITUIERTE KONJUGATE DAVON

Title (fr)

PROTEINES RECOMBINEES AYANT DE MULTIPLES LIAISONS DISULFURE ET CONJUGUES A SUBSTITUTION THIOL DE CES PROTEINES

Publication

EP 0861440 A1 19980902 (EN)

Application

EP 96933032 A 19960920

Priority

- US 9614832 W 19960920
- US 416995 P 19950922

Abstract (en)

[origin: WO9711370A1] The present invention relates to recombinant antigen binding proteins having multiple disulfide bonds useful for the preparation of immunoconjugates. In particular, this invention relates to recombinant antibodies comprising an IgG3 hinge region and lacking a CH2 constant domain. These mutated antibodies are used to bind a diagnostic or therapeutic agent through one or more reduced disulfide bonds in the antibody hinge region. Thus, the invention contemplates the use of such immunoconjugates in diagnosis and therapy.

IPC 1-7

G01N 33/53; **A61K 39/395**; **C07K 16/00**

IPC 8 full level

G01N 33/534 (2006.01); **A61K 39/395** (2006.01); **A61K 51/00** (2006.01); **A61K 51/10** (2006.01); **C07K 16/00** (2006.01); **C07K 16/30** (2006.01); **C12N 15/09** (2006.01); **C12P 21/08** (2006.01); **G01N 33/532** (2006.01); **G01N 33/536** (2006.01); **A61K 38/00** (2006.01)

CPC (source: EP)

A61K 51/1069 (2013.01); **A61K 51/1093** (2013.01); **C07K 16/3061** (2013.01); **G01N 33/532** (2013.01); **A61K 38/00** (2013.01); **A61K 2121/00** (2013.01); **A61K 2123/00** (2013.01)

Citation (search report)

See references of WO 9711370A1

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 9711370 A1 19970327; AU 702975 B2 19990311; AU 7160496 A 19970409; CA 2232601 A1 19970327; EP 0861440 A1 19980902; JP H11514223 A 19991207

DOCDB simple family (application)

US 9614832 W 19960920; AU 7160496 A 19960920; CA 2232601 A 19960920; EP 96933032 A 19960920; JP 51281597 A 19960920