

Title (en)

HYDRAZINE CONTAINING CONJUGATES OF POLYPEPTIDES AND GLYCOPOLYPEPTIDES WITH POLYMERS

Publication

EP 0576589 A4 19940727 (EN)

Application

EP 92909326 A 19920312

Priority

US 67269691 A 19910318

Abstract (en)

[origin: WO9216555A1] Biologically active macromolecular conjugates of a biologically active polypeptide or glycopolypeptide and one or more water-soluble polymer molecules covalently bonded thereto at a reactive carbonyl or carboxylic acid group of a peptide moiety on the polypeptide or glycopolypeptide or at an oxidized carbohydrate moiety of the glycopolypeptide by a linkage containing a hydrazide or hydrazone functional group. The linkage preferably also includes an amino acid or a peptide sequence.

IPC 1-7

C07K 7/26

IPC 8 full level

A61K 38/00 (2006.01); **A61K 38/22** (2006.01); **A61K 38/43** (2006.01); **A61K 47/48** (2006.01); **C07K 1/113** (2006.01); **C07K 7/16** (2006.01); **C07K 14/00** (2006.01); **C07K 14/42** (2006.01); **C07K 14/505** (2006.01); **C07K 14/52** (2006.01); **C07K 14/53** (2006.01); **C07K 14/54** (2006.01); **C07K 14/555** (2006.01); **C07K 14/575** (2006.01); **C07K 14/61** (2006.01); **C07K 14/62** (2006.01); **C07K 14/65** (2006.01); **C07K 14/655** (2006.01); **C07K 14/745** (2006.01); **C07K 14/755** (2006.01); **C07K 14/76** (2006.01); **C07K 16/00** (2006.01); **C07K 17/08** (2006.01); **C07K 17/10** (2006.01); **C08F 8/30** (2006.01); **C08G 65/32** (2006.01); **C08G 69/10** (2006.01); **C08G 81/00** (2006.01); **C08L 101/00** (2006.01); **C12N 9/02** (2006.01); **C12N 9/14** (2006.01); **C12N 9/76** (2006.01)

CPC (source: EP)

A61K 47/60 (2017.07)

Citation (search report)

- [Y] DE 2530247 A1 19760129 - YEDA RES & DEV
- [YX] EP 0014263 A2 19800820 - BAYER AG [DE]
- [DY] WO 9013540 A1 19901115 - ENZON INC [US]
- [XY] CHEMICAL ABSTRACTS, vol. 115, no. 19, 11 November 1991, Columbus, Ohio, US; abstract no. 202770e & DD 287950 A5 19910314 - AKAD WISSENSCHAFTEN DDR [DE]
- See references of WO 9216555A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 9216555 A1 19921001; AU 1676992 A 19921021; CA 2101918 A1 19920919; EP 0576589 A1 19940105; EP 0576589 A4 19940727; JP H06506217 A 19940714

DOCDB simple family (application)

US 9202047 W 19920312; AU 1676992 A 19920312; CA 2101918 A 19920312; EP 92909326 A 19920312; JP 50891492 A 19920312