

Title (en)  
NEW POLYAMINOCARBOXYLATE CHELATORS

Title (de)  
POLYAMINOCARBOXYLAT-CHELATOREN

Title (fr)  
NOUVEAUX CHELATEURS DE POLYAMINOCARBOXYLATE

Publication  
**EP 0738283 A4 19990324 (EN)**

Application  
**EP 95907974 A 19950105**

Priority  
• US 9500068 W 19950105  
• US 17867594 A 19940107

Abstract (en)  
[origin: WO9518832A1] This invention describes a series of novel polyamino-carboxylate chelators suitable for attaching metal ions to polypeptide molecules. Polypeptide-polyaminocarboxylate conjugates prepared using the novel chelators form stable complexes with metal ions.

IPC 1-7  
**C07K 17/02**; **C07H 3/00**; **C08B 37/00**; **C07D 245/02**; **C07C 205/06**; **C07C 211/00**; **C07C 211/09**; **C07C 233/05**; **C07C 331/28**

IPC 8 full level  
**C07H 21/00** (2006.01); **A61K 39/395** (2006.01); **A61K 49/00** (2006.01); **A61K 51/10** (2006.01); **C07C 211/29** (2006.01); **C07C 211/52** (2006.01); **C07C 237/10** (2006.01); **C07C 245/20** (2006.01); **C07C 281/02** (2006.01); **C07C 331/28** (2006.01); **C07D 259/00** (2006.01); **C07K 14/00** (2006.01); **C07K 16/00** (2006.01); **C09K 3/00** (2006.01); **G01N 33/534** (2006.01)

CPC (source: EP KR)  
**A61K 51/1093** (2013.01 - EP); **C07C 237/10** (2013.01 - EP); **C07C 245/20** (2013.01 - EP); **C07C 331/28** (2013.01 - EP); **C07D 259/00** (2013.01 - EP); **C07K 17/02** (2013.01 - KR); **G01N 33/534** (2013.01 - EP)

Citation (search report)  
• [A] WO 8912631 A1 19891228 - DOW CHEMICAL CO [US]  
• See references of WO 9518832A1

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

DOCDB simple family (publication)  
**WO 9518832 A1 19950713**; AU 1597595 A 19950801; AU 692224 B2 19980604; CA 2180662 A1 19950713; EP 0738283 A1 19961023; EP 0738283 A4 19990324; FI 962772 A0 19960705; FI 962772 A 19960705; JP H09507488 A 19970729; KR 970700698 A 19970212

DOCDB simple family (application)  
**US 9500068 W 19950105**; AU 1597595 A 19950105; CA 2180662 A 19950105; EP 95907974 A 19950105; FI 962772 A 19960705; JP 51856995 A 19950105; KR 19960703633 A 19960705