

(19)



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11)

Publication number:

**0 292 662 A3**

(12)

## EUROPEAN PATENT APPLICATION

(21)

Application number: **88104190.9**

(51)

Int. Cl.<sup>5</sup>: **C13K 11/00**

(22)

Date of filing: **16.03.88**

(30)

Priority: **31.03.87 US 32847**

(43)

Date of publication of application:  
**30.11.88 Bulletin 88/48**

(84)

Designated Contracting States:  
**BE DE ES FR GB GR IT NL**

(88)

Date of deferred publication of the search report:  
**16.01.91 Bulletin 91/03**

(71)

Applicant: **THE DOW CHEMICAL COMPANY**  
**2030 Dow Center Abbott Road P.O. Box 1967**  
**Midland Michigan 48640-1967(US)**

(72)

Inventor: **LaBrie, Robert L.**  
**717 Columbia**  
**Midland Michigan 48640(US)**  
Inventor: **Bharwada, Upen J.**  
**5607 Sturgeon Creek Parkway**  
**Midland Michigan 48640(US)**

(74)

Representative: **Huber, Bernhard, Dipl.-Chem.**  
**et al**  
**Möhlstrasse 22 Postfach 860 820**  
**D-8000 München 86(DE)**

(54)

**Process for demineralizing a sugar-containing solution.**

(57)

Improved method for demineralizing a sugar-containing solution using an ion exchange resin in bead form wherein the mean bead diameter is from 400 to 700  $\mu\text{m}$  and the bead diameter distribution is such that at least 80 volume percent of the beads have diameters which fall within a range of  $\pm 15$  percent of the volume average diameter of the resin used.

**EP 0 292 662 A3**



European  
Patent Office

## EUROPEAN SEARCH REPORT

Application Number

**EP 88 10 4190**

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	GB-A-2 022 135 (ECODYNE) * claims * - - -	1-7	C 13 K 11/00
A	US-A-3 692 582 (A.J.MELAJA) * column 3, lines 49 - 62; claims * - - -	1-7	
A	EP-A-0 102 256 (CALGON) * claims * - - -	1	
A	US-A-4 395 292 (E.KATZ ET AL.) * claims * - - - - -	1-7	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C 13 K C 13 D C 13 J
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 15 November 90	Examiner VAN MOER A.M.J.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention</div> <div>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &amp;: member of the same patent family, corresponding document</div>			