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(54) Title: METHOD FOR REMOVING ENDOTOXINS FROM PROTEIN SOLUTIONS

(57) Abstract: A method for removing endotoxin contaminants from protein solutions using hydrophobic charge induction chromatography sorbents. The methods comprise adjusting the pH of a protein solution to a pH of from about 8.0 to about 9.0, binding the protein to a hydrophobic charge induction chromatography sorbent; and eluting the protein from the sorbent using an elution buffer having a pH of from about 3.0 to about 5.0. The method is particularly useful for removing endotoxin contaminants from antibody compositions.



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INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A23J 1/00; C07K 1/00

US CL : 530/415

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 530/415

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WEST BIOSIS EMBASE LIFESCI MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,139,746 a (KOPF et al) 31 October 2000 (31.10.2000).	1-20

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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