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(54) **Non-activating polyelectrolytes for separation of blood coagulation factors.**

(57) **The invention relates to polyelectrolytes and their use in the separation of blood proteins.**

Blood coagulation factors such as Factor VIII are separated from admixture with other blood proteins without producing activation of said coagulation factor by contacting with a water-insoluble, cross-linked polyelectrolyte copolymer of (a) C₂₋₁₈ unsaturated monomer and (b) C₄₋₁₂ unsaturated polycarboxylic acid or anhydride, in which 2-100% of the carboxyl sites are substituted with amine-imides and substantially all the free anhydrides are blocked with alkoxyalkylamine to form alkoxyalkylimide units.

EP 0 000 650 A3



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EUROPEAN SEARCH REPORT

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EP 78 30 0176

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
DX	<u>US - A - 3 555 001 (C. WALLIS, J.L. MELNICK)</u> * Claims 1,2,3,6,7,13; column 5, lines 56-60; column 7, lines 45-50 * --	1-3,7-10,14	C 08 F 8/32 C 08 L 35/00 C 07 G 7/00 B 01 D 15/00// A 61 K 35/16
	<u>GB - A - 922 878 (MONSANTO)</u> * Claims 1,7,8 * ----	1,4	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³) C 08 F 8/00 8/32 A 61 K 35/14 35/16
			CATEGORY OF CITED DOCUMENTS X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
			&: member of the same patent family corresponding document
<div style="display: flex; justify-content: space-between;"> <div> <p>The present search report has been drawn up for all claims</p> </div> <div> <p>The present search report has been drawn up for all claims</p> </div> </div>			
Place of search The Hague		Date of completion of the search 16-11-1978	Examiner PEETERS J