

Title (en)

Aggregated polyelectrolytes, their preparation and uses in the fractionation of blood and other proteinaceous substances.

Title (de)

Agglomerierte Polyelektrolyte, ihre Herstellung und ihre Verwendungen zum Fraktionieren von Blut und anderen eiweisshaltigen Bestandteilen.

Title (fr)

Polyélectrolytes agglomérés, leur préparation et leurs utilisations dans le fractionnement du sang et d'autres substances protéiques.

Publication

EP 0000977 A1 19790307 (EN)

Application

EP 78300175 A 19780721

Priority

US 81891977 A 19770725

Abstract (en)

The invention relates to polyelectrolytes and their use in the fractionation of blood and other proteinaceous substances. <??>The filterability, drying characteristics and physical form of water-insoluble, cross-linked polyelectrolytes containing amine-imide functional groups are employed without substantially diminishing the protein adsorption capacity of said polyelectrolytes by heating the polymeric starting material in inert organic solvent at a temperature ranging from about 115 DEG C to about 160 DEG C but lower than the softening point of said polymer for at least about 15 minutes and until said polymer is substantially aggregated prior to crosslinking.

IPC 1-7

C08F 8/32; B01D 15/00; C07G 7/00; C08J 3/12; C08L 35/00

IPC 8 full level

C08F 8/00 (2006.01); **C08F 2/08** (2006.01); **C08F 8/30** (2006.01); **C08F 8/32** (2006.01); **C08F 265/02** (2006.01); **C08J 3/12** (2006.01); **C08L 35/00** (2006.01)

CPC (source: EP US)

C08F 8/32 (2013.01 - EP US); **C08J 3/12** (2013.01 - EP US); **C08L 35/00** (2013.01 - EP US); **C08J 2335/00** (2013.01 - EP US); **Y10S 530/83** (2013.01 - EP US)

C-Set (source: EP US)

C08F 8/32 + C08F 222/00

Citation (search report)

[D] US 3555001 A 19710112 - WALLIS CRAIG, et al

Designated contracting state (EPC)

BE CH DE FR GB NL SE

DOCDB simple family (publication)

US 4118554 A 19781003; AT 365612 B 19820210; AT A531878 A 19810615; AU 3824178 A 19800124; AU 520096 B2 19820114; BR 7804723 A 19790403; CA 1129145 A 19820803; DE 2861005 D1 19811126; EP 0000977 A1 19790307; EP 0000977 B1 19810902; ES 471955 A1 19791016; HU 180881 B 19830530; IL 55193 A0 19780929; IL 55193 A 19810629; IT 1097313 B 19850831; IT 7826004 A0 19780721; JP S5460392 A 19790515; JP S6330325 B2 19880617; PT 68335 A 19780801; PT 68335 B 19940225; RO 85538 A 19841031; RO 85538 B 19841130; SU 795490 A3 19810107

DOCDB simple family (application)

US 81891977 A 19770725; AT 531878 A 19780721; AU 3824178 A 19780721; BR 7804723 A 19780721; CA 308001 A 19780724; DE 2861005 T 19780721; EP 78300175 A 19780721; ES 471955 A 19780721; HU M0001020 A 19780721; IL 5519378 A 19780721; IT 2600478 A 19780721; JP 8930778 A 19780721; PT 6833578 A 19780721; RO 9474578 A 19780721; SU 2641107 A 19780721