

Title (en)
AFFINITY MATRICES OF MODIFIED POLYSACCHARIDE SUPPORTS

Publication
EP 0401248 A4 19920415 (EN)

Application
EP 89902334 A 19890130

Priority
US 15481588 A 19880211

Abstract (en)
[origin: WO8907618A1] The invention is directed to a modified polysaccharide material which comprises: (1) polysaccharide covalently bonded to a synthetic polymer; (2) the synthetic polymer being made from (a) a polymerizable compound which is capable of being covalently coupled directly or indirectly to said polysaccharide, and (b) one or more polymerizable compounds containing (i) a chemical group capable of causing the covalent coupling of the compound (b) to an affinity ligand or a biologically active molecule or (ii) a hydrophobic compound. The invention is also directed to devices for the chromatographic separation of at least two components of a mixture comprising the modified polysaccharide material of the invention, wherein the device is configured for radial or tangential flow.

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IPC 8 full level
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C-Set (source: EP)
C08F 251/00 + **C08F 220/325**

Citation (search report)
• [Y] US 4675104 A 19870623 - RAI VISH [US], et al
• [A] EP 0027377 A1 19810422 - SEED BRIAN SARSFIELD
• [A] GB 2071669 A 19810923 - ITALFARMACO SPA
• [X] ANGEWANDTE MAKROMOLEKULARE CHEMIE, vol. 91, no. 1419, 1980, pages 161-177, Basel, CH; L. D'ANGIURO et al.: "Enzyme immobilization on polyglycidylmethacrylate graft-copolymer of different polysaccharides"
• See references of WO 8907618A1

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