Title (en)

CARBOXYLIC CATIONITES AND METHODS OF MANUFACTURE

Title (de)

CARBOXYL-CATIONITE UND VERFAHREN ZUR HERSTELLUNG

Title (fr)

CATIONITES CARBOXYLIQUES ET LEURS PROCEDES DE FABRICATION

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Application

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Abstract (en)

[origin: WO9958577A1] A method for preparing synthetic polymerized resins for ion exchange, namely, carboxylic cationites, which are suitable as sorbents for preparative separation and purification of biologically active compounds by low pressure liquid chromatography (LPLC). The directional polymerization conditions enable such cationites to be prepared with polymeric structures which can be used for the separation of macromolecules, such as proteins, with high molecular mass from various microbiological raw materials and physiological liquids. Depending upon the embodiment of the method of manufacture according to the present invention, the resultant carboxylic cationites are obtained in one of three forms: a swollen block, if no pre-polymerization or dispersion stages are performed; and, if such stages are performed, depending upon the dispersion conditions, the resultant structures can be either irregular particles or spherical granules.

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