

ABSTRACT OF THE DISCLOSURE

MEMBRANE WITH SULFONIC GROUPS FOR REMOVING PROTEIN AGGREGATES

[00178] A negatively charged microporous filtration medium having a high charge density comprising a porous substrate and a polymerized cross-linked polymeric coating located on the inner and outer surfaces of the substrate. The coating may be formed from a reactant solution comprising negatively charged cross-linkable polymerizable acrylamidoalkyl monomers and acrylamido cross-linking agents which are polymerized in situ on the substrate. The negatively charged microporous filtration medium are suitable for use as prefiltration membranes for selectively removing protein aggregates from a protein solution.

(No Suitable Figure)