

ABSTRACT

ADSORBENT FILTER MEDIA FOR REMOVAL OF BIOLOGICAL CONTAMINANTS IN PROCESS LIQUIDS

Adsorbent filter media particularly suited for removal of biological contaminants in process liquids. A porous fixed bed of adsorbent material is formed, using only a granular adsorbent and a water-insoluble thermoplastic binder. The resulting composite filter allows for a higher amount of adsorbent with smaller adsorbent particles than conventional depth filters. Elimination of cellulose fiber, as well as the elimination of the thermoset binder, results in reduced contamination of the process liquid.

Selected Drawing: Figure 1