

Abstract

The present invention relates to a use of a three-dimensional fiber system produced by textile manufacturing for anti-microbial treatment of process liquid in a process liquid system, wherein the fiber system has at least one first sheet-like structure and a plurality of spacer fiber elements extend transversely to the sheet-like structure in such a manner that the fiber system forms an elastically deformable three-dimensional spacer structure and a fiber having oligodynamic metal fractions is arranged in the sheet-like structure and/or in the region of the spacer fiber elements.