

A B S T R A C T

FILTER MEMBRANE ELEMENT AND METHOD OF MANUFACTURING SAME

A filter membrane element for a membrane separation unit for use in a water treatment apparatus or the like, and a method of manufacturing the same. An organic filter membrane including a plate-like support member made of nonwoven fabric and a film coating formed on both sides of the support member is joined with a surface of a filter plate, whereby the filter membrane element is formed. A portion of the film coating is dissolved to cause the support member to be exposed at that portion. Subsequently, the exposed portion of the support member is joined by adhesion or otherwise with a corresponding portion of the filter plate.

(Please note that Figure 1 should accompany the abstract when published)

2-83