

ABSTRACT

FLAT SHEET MEMBRANE ELEMENT FOR FILTRATION AND FLAT SHEET
MEMBRANE FILTRATION MODULE

A flat sheet membrane element for performing solid-liquid separation by immersion in a liquid to be treated which contains a suspended component includes sheet-shaped filtration membranes disposed opposite to each other with a space for a treated liquid flow path, a support portion for securing the space for the treated liquid flow path, and a peripheral sealing portion for sealing the peripheral edges of the filtration membranes arranged opposite to each other so as to form at least one treated liquid outlet, the filtration membranes including at least expanded PTFE (polytetrafluoroethylene) porous membranes.

Figure 1