

SEPARATION MEMBRANE MODULE AND REPLACEMENT METHOD FOR
SEPARATION MEMBRANE ELEMENT

ABSTRACT

5 The present invention relates to a separation membrane module in which a
plurality of spiral-type separation membrane elements for use in separating and
removing ingredients present in a fluid to be treated are loaded. The present invention
provides a separation membrane module in which a plurality of spiral-type separation
membrane elements are loaded in a cylindrical pressure-resistant vessel and which
10 allows easy loading and removal of the separation membrane elements while
maintaining sealing property even when high-hardness foreign particles are present on
sealing surfaces and fully achieving its performance, thereby ensuring reductions in
maintenance time and labor, and provides a replacement method for such separation
membrane elements.
15 (No suitable figure)