

ABSTRACT

MEMBRANE MODULE UNIT AND ASSEMBLY METHOD, DISASSEMBLY
METHOD, AND MAINTENANCE METHOD FOR SAME, AND
WATER-TREATMENT APPARATUS

5 Disclosed is a membrane module unit in which a plurality of membrane modules
is coupled together in parallel by coupling means, the membrane module including a
sheet-like filter membrane and holding frame members that hold the filter membrane at
two opposed sides of a peripheral edge of the filter membrane, wherein the coupling
means clamps the holding frame members at the same sides of the filter membranes
10 together by two opposed clamping members. According to the invention, provided is a
membrane module unit in which structure is simple, assembly, disassembly, and
maintenance can be easily performed, and a plurality of membrane modules can be
reliably coupled together. Provided are also an assembly method, disassembly method,
and maintenance method of the same, and a water-treatment apparatus.
15 Figure 1A.