

Title of Invention: ELECTROLYSIS VESSEL

Abstract

[Problem] The purpose of the present invention is to provide a three-chamber electrolysis vessel which can be improved in the ion supply ability of an intermediate chamber.

[Solution] In a spacer of an intermediate chamber in an electrolysis vessel, a cathode-side hole that is arranged in a cathode-side grid and an anode-side hole that is arranged in an anode-side grid and is positioned side-by-side with the cathode-side hole with each other in a first direction are misaligned with each other in a second direction that is orthogonal to the first direction. The cathode-side grid and the anode-side grid guide an electrolytic solution flowing into the intermediate chamber from one side of the second direction toward the other side of the second direction while allowing the electrolytic solution to flow along a serpentine course in the first direction by alternately guiding the electrolytic solution to the cathode-side hole and the anode-side hole which are misaligned with each other in the second direction.

[Selected Drawing] Figure 9