

Abstract

The present invention provides a novel and improved electrolytic cell in which a cathode plate and an anode plate
5 are relatively large for the sizes of a cathode frame and an anode frame as compared with those in a conventional electrolytic cell, so that the current-carrying area of the cathode and anode plates is relatively large for the size of the electrolytic cell, resulting in increased electrolysis
10 efficiency. An upper opening and a lower opening are formed in an upper end part and a lower end part, respectively, of the inner surface of the cathode frame to which the cathode plate is fixed. Similarly, an upper opening and a lower opening are formed in an upper end part and a lower end part, respectively,
15 of the inner surface of the anode frame to which the anode plate is fixed. Each of the cathode plate and the anode plate extends continuously from above the upper opening to below the lower opening. Each of the cathode plate and the anode plate has an upper through opening and a lower through opening that are
20 formed in alignment with the upper opening and the lower opening, respectively.

Fig. 1