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Abstract

MAINTENANCE OF AN ELECTROLYTE

The present invention pertains to a method for the care and maintenance of an electrolyte, wherein the ion concentration and ion composition of the electrolyte are adjusted by means of an ion exchanger. Advantageously, the ion exchanger contains counterions that are contained in the electrolyte and that are relevant for the bath quality. For the exchange process, these counterions are exchanged with ions which negatively influence the bath quality from the electrolyte. Therefore, the composition of the electrolyte and the corresponding ion concentration are adjusted in an advantageous way. Therefore, e.g., the pH value of an electrolyte and its density can be held essentially constant, which considerably lengthens the lifetime of the electrolyte. By guaranteeing a constant composition, the lifetime is no longer restricted. The extremely high effectiveness of the method according to the invention is dependent on these conditions.