

APPARATUS FOR PRODUCING ACIDIC AQUEOUS SOLUTION AND METHOD
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[ABSTRACT]

An apparatus (100) for producing an acidic aqueous solution includes: an
5 electro dialyzer (110) that has a monovalent ion perm-selective ion-exchange membrane
and separates wastewater containing chloride ions and alkali metal ions into electro dialysis
concentrated water and electro dialysis diluted water by an electro dialysis treatment; an
electrolyzer (120) that electrolyzes the electro dialysis concentrated water to produce an
acidic aqueous solution; and a first circulator (13) that circulates at least some of the acidic
10 aqueous solution to the wastewater supplied to the electro dialyzer (110).

[Fig. 1]