

Title (en)

USE OF AN ELECTROLYTE COMPOSITION FOR ELECTROLYSIS OF BRINE, METHOD FOR ELECTROLYSIS OF BRINE, AND FOR PREPARATION OF SODIUM HYDROXIDE

Title (de)

VERWENDUNG EINER ELEKTROLYTZUSAMMENSETZUNG ZUR ELEKTROLYSE VON KOCHSALZLÖSUNG, VERFAHREN ZUR ELEKTROLYSE VON KOCHSALZLÖSUNG UND ZUR HERSTELLUNG VON NATRIUMHYDROXID

Title (fr)

UTILISATION D'UNE COMPOSITION ELECTROLYTIQUE POUR L'ELECTROLYSE DE LA SAUMURE, PROCEDE D'ELECTROLYSE DE LA SAUMURE ET DE PREPARATION D'HYDROXYDE DE SODIUM

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Abstract (en)

[origin: WO03082749A1] The present invention relates to an electrolyte composition for electrolysis of brine, a method for electrolysis of brine, and sodium hydroxide prepared therefrom, and particularly to an electrolyte composition for electrolysis of brine, a method for electrolysis of brine comprising injecting brine and pure water respectively to a cation chamber and an anion chamber divided by a separation membrane installed in an electrolytic cell through a brine injection tube and a pure water injection tube, and applying a power source to an anode plate and a cathode plate installed in the cation chamber and anion chamber to separate produced chloride gas, hydrogen gas, and a sodium hydroxide aqueous solution characterized in that an aqueous solution of a platinum compound is injected into the anion chamber through the pure water injection tube, and sodium hydroxide prepared therefrom.

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CPC (source: EP KR US)

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Cited by

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