Title (en)

PROCESS FOR PREVENTING MEMBRANE DEGENERATION USING COMPLEXING AGENTS

Title (de)

VERFAHREN ZUR VERHINDERUNG DER DEGENERATION EINER MEMBRAN MIT KOMPLEXBILDNERN

Title (fr)

UTILISATION D'AGENTS COMPLEXANTS POUR EMPÊCHER LA DÉGÉNERESCENCE D'UNE MEMBRANE

Publication

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Application

EP 05747616 A 20050602

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- EP 05747616 A 20050602

Abstract (en)

[origin: WO2005121411A2] Membrane cell electrolysis process to prepare chlorine from an aqueous salt solution comprising the steps of dissolving a sodium chloride source in water to form an aqueous salt solution comprising sodium chloride, and dosing one or more degeneration reducing agents selected from the group consisting of monosaccharides, oligosaccharides, polysaccharides, polycarboxylic acids, polyacrylates, polymaleic acids, and derivatives thereof to said aqueous salt solution in a total amount of, on average, between 0.1 mg and 1,000 mg per litre of aqueous salt solution at a stage of the electrolysis process where the amount of active chlorine dissolved in said aqueous salt solution is less than 1.5 g per litre of aqueous salt solution and/or to the membrane cells, in order to reduce fouling and/or clogging of the membrane in said membrane cell.

IPC 8 full level

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CPC (source: EP)

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