

Title (en)
ELECTROLYTIC SYSTEM AND REDUCTION METHOD FOR ELECTROCHEMICAL CARBON DIOXIDE UTILIZATION, ALKALI CARBONATE PREPARATION AND ALKALI HYDROGEN CARBONATE PREPARATION

Title (de)
ELEKTROLYSESYSTEM UND REDUKTIONSVERFAHREN ZUR ELEKTROCHEMISCHEN KOHLENSTOFFDIOXID-VERWERTUNG, ALKALICARBONAT- UND ALKALIHYDROGENCARBONATERZEUGUNG

Title (fr)
SYSTÈME D'ÉLECTROLYSE ET PROCÉDÉ DE RÉDUCTION AUX FINS DE VALORISATION ÉLECTROCHIMIQUE DE DIOXYDE DE CARBONE, DE PRODUCTION DE CARBONATE ALCALIN ET D'HYDROGÉNOCARBONATE ALCALIN

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Application
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Abstract (en)
[origin: WO2017005594A1] Described is an electrolytic system comprising an electrolytic cell, a separation of the anolyte side and the catholyte side, and a separation and withdrawal device for an alkali carbonate and/or an alkali hydrogen carbonate. The disclosed reduction method allows for the continuous carbon dioxide utilization and simultaneous preparation of multiple valuable chemical products.

IPC 8 full level
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Citation (search report)
See references of WO 2017005594A1

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