

Title (en)

PROCESS FOR PRODUCING SULPHUR DIOXIDE, A THERMOCHEMICAL SYSTEM COMPRISING THE PROCESS AND ITS RELATED APPARATUSES, USE OF CARBON-BASED COMPOUNDS TO FEED A PROCESS FOR PRODUCING SULPHUR DIOXIDE AND ITS RELATED SYSTEM

Title (de)

VERFAHREN ZUR HERSTELLUNG VON SCHWEFELDIOXID, THERMOCHEMISCHES SYSTEM MIT DEM VERFAHREN UND DESSEN ZUGEHÖRIGEN VORRICHTUNGEN, VERWENDUNG VON KOHLENSTOFFBASIERTEN VERBINDUNGEN ZUR ZUFUHR EINES VERFAHREN ZUR HERSTELLUNG VON SCHWEFELDIOXID SOWIE DESSEN ZUGEHÖRIGES SYSTEM

Title (fr)

PROCÉDÉ DE PRODUCTION DE DIOXYDE DE SOUFRE, SYSTÈME THERMOCHIMIQUE COMPRENANT LE PROCÉDÉ ET SES DISPOSITIFS ASSOCIÉS, UTILISATION DE COMPOSÉS CARBONÉS POUR ALIMENTER UN PROCÉDÉ DE PRODUCTION DE DIOXYDE DE SOUFRE ET SES SYSTÈMES ASSOCIÉS

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Application

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Abstract (en)

[origin: WO2009115876A2] The invention relates to a thermochemical process for producing sulphur dioxide, a thermochemical system comprising the thermochemical process and apparatuses for the implementation of the process and of the thermochemical system, as well as the use of carbon-based compounds in order to feed a thermochemical process for producing sulphur dioxide and its related system. The process comprises the steps for the collection of concentrated sulphuric acid (S) inside a thermochemical reactor (11) of a thermochemical apparatus for producing sulphur dioxide (10), for the heating of the concentrated sulphuric acid (S) until it boils. The peculiarity of the process is that of adding carbon-based compounds in the thermochemical reactor (11).

IPC 8 full level

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Citation (search report)

See references of WO 2009115876A2

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