

Title (en)  
PROCESS FOR THE CONVERSION OF CO<sub>2</sub>

Title (de)  
VERFAHREN ZUR UMWANDLUNG VON CO<sub>2</sub>

Title (fr)  
PROCÉDÉ DE CONVERSION DE CO<sub>2</sub>

Publication  
**EP 4337601 A1 20240320 (EN)**

Application  
**EP 22728965 A 20220510**

Priority  
• IT 202100012551 A 20210514  
• IB 2022054338 W 20220510

Abstract (en)  
[origin: WO2022238899A1] The present invention concerns a process for the conversion of CO<sub>2</sub>, pure or contained in gaseous streams of various types via the use of an E-RWGS (Electrified Reverse Water Gas Shift) reactor. More specifically, the innovative process subject of the present invention reports a solution for the conversion of gases containing CO<sub>2</sub> into gases containing carbon monoxide (CO) and hydrogen (H<sub>2</sub>), molecules that provide the building blocks for important activities in the production of chemicals, fertilizers and fuels.

IPC 8 full level  
**C01B 3/16** (2006.01); **C01B 3/38** (2006.01); **C10K 3/02** (2006.01); **C25B 1/04** (2021.01)

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C-Set (source: EP)  
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Designated extension state (EPC)  
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KH MA MD TN

DOCDB simple family (publication)  
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