

Title (en)  
COPPER AND ANTIMONY BASED MATERIAL AND ELECTRODE FOR THE SELECTIVE CONVERSION OF CARBON DIOXIDE TO CARBON MONOXIDE

Title (de)  
MATERIAL AUF KUPFER- UND ANTIMONBASIS UND ELEKTRODE ZUR SELEKTIVEN UMWANDLUNG VON KOHLENDIOXID IN KOHLENMONOXID

Title (fr)  
MATÉRIAU À BASE DE CUIVRE ET D'ANTIMOINE ET ÉLECTRODE POUR LA CONVERSION SÉLECTIVE DE DIOXYDE DE CARBONE EN MONOXYDE DE CARBONE

Publication  
**EP 4136277 A1 20230222 (EN)**

Application  
**EP 21724756 A 20210414**

Priority  
• IT 202000007948 A 20200415  
• IB 2021053074 W 20210414

Abstract (en)  
[origin: WO2021209920A1] An electrocatalyst material comprising cuprous oxide and antimony, the process for the production thereof and its use in the electrochemical reduction of CO<sub>2</sub> to CO with high selectivity and efficiency are described.

IPC 8 full level  
**C25B 1/23** (2021.01); **B01J 23/18** (2006.01); **C25B 11/02** (2006.01); **C25B 11/043** (2021.01); **C25B 11/065** (2021.01); **C25B 11/091** (2021.01)

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**C25B 1/23** (2021.01 - EP US); **C25B 11/02** (2013.01 - EP); **C25B 11/037** (2021.01 - US); **C25B 11/043** (2021.01 - EP); **C25B 11/061** (2021.01 - US); **C25B 11/065** (2021.01 - EP US); **C25B 11/091** (2021.01 - EP US)

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