

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

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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 CO₂ 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)

CPC (source: EP US)
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)

Designated contracting state (EPC)
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