

Title (en)

INCOMPLETE COMBUSTION AS A MEANS OF REDUCING CARBON DIOXIDE EMISSIONS

Title (de)

UNVOLLSTÄNDIGE VERBRENNUNG ALS MITTEL ZUR REDUZIERUNG VON KOHLENDIOXIDEMISSIONEN

Title (fr)

COMBUSTION INCOMPLÈTE EN TANT QUE MOYEN DE RÉDUCTION DES ÉMISSIONS DE DIOXYDE DE CARBONE

Publication

**EP 4189139 A4 20240124 (EN)**

Application

**EP 21867930 A 20210306**

Priority

- AU 2021201303 A 20210228
- US 202017020957 A 20200915
- AU 2021000024 W 20210306

Abstract (en)

[origin: WO2022056573A1] What is disclosed herein is a process for the elimination Carbon dioxide (CO<sub>2</sub>), exploiting renewable energy sources, providing storage for intermittent renewable power and production of synthesis gas, a fuel gas mixture consisting primarily of carbon monoxide (CO) and hydrogen (H<sub>2</sub>), which is then utilised in the Fischer-Tropsch reaction to produce clean fuels and other chemical solvents.

IPC 8 full level

**C25B 1/04** (2021.01); **C10G 2/00** (2006.01); **C10J 3/00** (2006.01)

CPC (source: AU EP)

**C10G 2/30** (2013.01 - AU EP); **C10J 3/00** (2013.01 - AU EP); **C10K 1/00** (2013.01 - AU); **C25B 1/04** (2013.01 - AU EP); **C10J 2300/093** (2013.01 - EP); **C10J 2300/0959** (2013.01 - EP); **C10J 2300/1659** (2013.01 - EP); **C10J 2300/1684** (2013.01 - EP); **C10J 2300/1807** (2013.01 - EP); **C10J 2300/1846** (2013.01 - EP); **C10K 1/00** (2013.01 - EP); **Y02E 60/36** (2013.01 - EP); **Y02P 20/133** (2015.11 - EP)

Citation (search report)

- [XYI] US 2010175320 A1 20100715 - SCHUETZLE DENNIS [US], et al
- [IY] US 2013149767 A1 20130613 - MARION PIERRE [FR], et al
- See also references of WO 2022056573A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 2022056573 A1 20220324**; CA 3185797 A1 20220324; EP 4189139 A1 20230607; EP 4189139 A4 20240124; JP 2023540156 A 20230922

DOCDB simple family (application)

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