

Title (en)

METHOD FOR REDUCING THE CARBON FOOTPRINT OF A CONVERSION PROCESS

Title (de)

VERFAHREN ZUR REDUZIERUNG DES CO₂-FUSSABDRUCKS EINES UMWANDLUNGSPROZESSES

Title (fr)

PROCÉDÉ DE RÉDUCTION DE L'EMPREINTE CARBONE D'UN PROCÉDÉ DE CONVERSION

Publication

EP 3090037 A4 20170913 (EN)

Application

EP 14875314 A 20141223

Priority

- US 201314139151 A 20131223
- US 2014072159 W 20141223

Abstract (en)

[origin: WO2015100328A1] A method is described for reducing the carbon footprint of any commercially important industrial conversion process. The output of this conversion process can be combustible fuels, chemicals, electricity or heat energy. In its broadest form, a carbon negative module outputs energy to a conversion energy and this energy replaces conventional fossil-fuel based energy. A sequesterable carbonaceous solid is produced by the carbon negative process, which represents a net carbon withdrawal from the atmosphere.

IPC 8 full level

C10L 1/16 (2006.01); **C10K 1/00** (2006.01)

CPC (source: EP)

C05F 9/04 (2013.01); **C10B 53/02** (2013.01); **C10G 3/00** (2013.01); **C10J 3/62** (2013.01); **C10L 1/04** (2013.01); **C10J 2300/0916** (2013.01); **Y02A 40/20** (2017.12); **Y02P 20/145** (2015.11); **Y02P 30/20** (2015.11); **Y02W 30/40** (2015.05)

C-Set (source: EP)

C05F 9/04 + C05F 11/02

Citation (search report)

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- [X] US 2012208254 A1 20120816 - SMITH MICHAEL FRANCIS [US], et al
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- [X] LAIRD D A: "The charcoal vision: A win-win-win scenario for simultaneously producing bioenergy, permanently sequestering carbon, while improving soil and water quality", AGRONOMY JOURNAL, AMERICAN SOCIETY OF AGRONOMY, INC, US, vol. 100, no. 1, 1 January 2008 (2008-01-01), pages 178 - 181, XP002616016, ISSN: 0002-1962, DOI: 10.2134/AGRONJ2007.0161
- See references of WO 2015100328A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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