

Title (en)  
ADDITIVE INFUSED BIOCHAR

Title (de)  
ADDITIV INFUNDIERTE BIOKOHLE

Title (fr)  
BIOCHARBON À ADDITIF INFUSÉ

Publication  
**EP 3397603 A4 20191002 (EN)**

Application  
**EP 16882614 A 20161228**

Priority

- US 201562271486 P 20151228
- US 201662290285 P 20160202
- US 201615156256 A 20160516
- US 201662344865 P 20160602
- US 201615350920 A 20161114
- US 201662432253 P 20161209
- US 2016069037 W 20161228

Abstract (en)  
[origin: WO2017117302A1] A method for creating treated biochar is provided that includes infusing a liquid additive into the pores of biochar, such as a fertilizer solution or other additive beneficial to plant growth. The method further includes the removal of materials and/or other additives from the pores of biochar. The present invention further provides biochar having pores filled with a liquid solution containing an additive, where the additive may include, but not be limited to, an additive beneficial to plant growth.

IPC 8 full level  
**C05F 11/00** (2006.01); **C05C 5/00** (2006.01); **C05F 11/02** (2006.01); **C05F 15/00** (2006.01); **C05G 1/00** (2006.01); **C05G 3/00** (2006.01); **C05G 5/00** (2006.01)

CPC (source: EP)  
**C05F 11/02** (2013.01); **Y02A 40/22** (2017.12)

Citation (search report)

- [X] US 2010162780 A1 20100701 - SCHARF GERALD C [US]
- [X] WO 2014190235 A1 20141127 - COOL PLANET ENERGY SYSTEMS INC [US]
- [X] US 2012304719 A1 20121206 - CHEIKY MICHAEL [US], et al
- [XP] WO 2016054431 A1 20160407 - COOL PLANET ENERGY SYSTEMS INC [US]
- [XP] WO 2016187161 A1 20161124 - COOL PLANET ENERGY SYSTEMS INC [US]
- See references of WO 2017117302A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2017117302 A1 20170706**; AU 2016380990 A1 20180614; AU 2016381692 A1 20180614; AU 2022246399 A1 20221103; CA 3009946 A1 20170706; CA 3009977 A1 20170706; CA 3009977 C 20231128; EP 3397603 A1 20181107; EP 3397603 A4 20191002; EP 3397762 A1 20181107; EP 3397762 A4 20191002; WO 2017117314 A1 20170706

DOCDB simple family (application)  
**US 2016069037 W 20161228**; AU 2016380990 A 20161228; AU 2016381692 A 20161228; AU 2022246399 A 20221005; CA 3009946 A 20161228; CA 3009977 A 20161228; EP 16882614 A 20161228; EP 16882620 A 20161228; US 2016069050 W 20161228