

Title (en)
BIOCHAR AGGREGATE PARTICLES

Title (de)
BIOKOHLENAGGREGATPARTIKEL

Title (fr)
PARTICULES D'AGRÉGATS DE BIOCHARBON

Publication
EP 3411345 A4 20191002 (EN)

Application
EP 17748196 A 20170202

Priority

- US 201662290026 P 20160202
- US 201662293160 P 20160209
- US 201615156256 A 20160516
- US 201662344865 P 20160602
- US 201615393214 A 20161228
- US 201615393176 A 20161228
- US 201715419976 A 20170130
- US 2017016306 W 20170202

Abstract (en)
[origin: WO2017136611A1] Biochars and methods for producing biochar aggregate particles where the method for producing the aggregate particles comprise the steps of (i) producing or collecting biochar fines; (ii) adding a binding agent to the biochar fines; and (iii) forming the biochar fines and binding agent into solid aggregate particles.

IPC 8 full level
C05G 3/00 (2006.01); **A23K 10/37** (2016.01); **A23K 20/10** (2016.01); **A23K 50/10** (2016.01); **A23K 50/75** (2016.01); **A23K 50/80** (2016.01); **C05F 11/02** (2006.01); **C09K 17/04** (2006.01); **C12N 11/12** (2006.01); **C12N 11/14** (2006.01); **C09K 101/00** (2006.01)

CPC (source: EP US)
A23K 10/37 (2016.05 - EP); **A23K 20/10** (2016.05 - EP); **A23K 50/10** (2016.05 - EP); **A23K 50/75** (2016.05 - EP); **A23K 50/80** (2016.05 - EP); **C05F 11/02** (2013.01 - EP); **C12N 11/12** (2013.01 - EP); **C12N 11/14** (2013.01 - EP US); **C09K 17/04** (2013.01 - EP); **Y02P 20/145** (2015.11 - EP); **Y02P 60/87** (2015.11 - EP)

Citation (search report)

- [X1] US 2014250775 A1 20140911 - TENNENHOUSE JASON [US], et al
- [X1] US 2011099887 A1 20110505 - STINSON PHOEBE [US], et al
- [Y] WO 2013152337 A1 20131010 - FULL CIRCLE BIOCHAR INC [US], et al
- [Y] WO 2013078546 A1 20130606 - BRIGHT RAY SOLAR CORP [CA]
- See references of WO 2017136611A1

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 2017136611 A1 20170810; AU 2017213848 A1 20180816; CA 3013588 A1 20170810; EP 3411345 A1 20181212; EP 3411345 A4 20191002

DOCDB simple family (application)
US 2017016306 W 20170202; AU 2017213848 A 20170202; CA 3013588 A 20170202; EP 17748196 A 20170202