

Title (en)
HIGH ENERGY AGGREGATES OF COAL FINES AND BENEFICIATED ORGANIC-CARBON-CONTAINING FEEDSTOCK

Title (de)
HOCHENERGETISCHE AGGREGATE VON FEINKOHLE UND AUFBEREITETEM ROHMATERIAL MIT ORGANISCHEM KOHLENSTOFF

Title (fr)
AGRÉGATS D'ÉNERGIE ÉLEVÉE DE FINES DE CHARBON ET PRODUIT DE DÉPART CONTENANT DU CHARBON ORGANIQUE ENRICHI

Publication
EP 3155077 A1 20170419 (EN)

Application
EP 15809005 A 20150606

Priority

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- US 201514623456 A 20150216
- US 2015034592 W 20150606

Abstract (en)
[origin: WO2015195382A1] A high energy processed biomass / coal blended compact aggregate composition made with a blending sub-system from a processed organic-carbon-containing feedstock made with a beneficiation sub-system and high energy coal is described. Renewable biomass feedstock passed through a beneficiation sub-system to reduce water content to below at least 20 wt% and an intracellular water-soluble salt reduction of at least 60 % from that of unprocessed organic-carbon-containing feedstock on a dry basis. The processed feedstock is blended with sized high energy coal in a blending sub-system to form a blended aggregate that comprises at least 10 wt% of a coal having an energy density of at least 21 MMBTU/ton (24 GJ/MT) and at least 10 wt% of a processed biomass.

IPC 8 full level
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CPC (source: EP US)
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