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(71) Applicant (for CA only): **PLASCO ENERGY GROUP INC.** [CA/CA]; 1000 Innovation Drive, Suite 400, Kana-ta, Ontario K2K 3E7 (CA).

(71) Applicant (for all designated States except CA, US): **PLASCOENERGY IP HOLDINGS, S.L., BILBAO, SCHAFFHAUSEN BRANCH**; Vordergasse 3, CH-8200 Schaffhausen, PlascoEnergy IP Holdings, S.L., Bilbao, Schaffhausen Branch (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BACON, Marc** [CA/CA]; 72 Hartsmere Drive, Stittsville, Ontario K2S 2B7 (CA). **TSANGARIS, Andreas** [CA/CA]; 248 Mad-hu Crescent, Ottawa, Ontario K2C 4J3 (CA).

(74) Agent: **MBM INTELLECTUAL PROPERTY LAW LLP**; 270 Albert Street, 14th Floor, Ottawa, Ontario K1P 5G8 (CA).

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(54) Title: CARBON CONVERSION SYSTEM WITH INTEGRATED PROCESSING ZONES

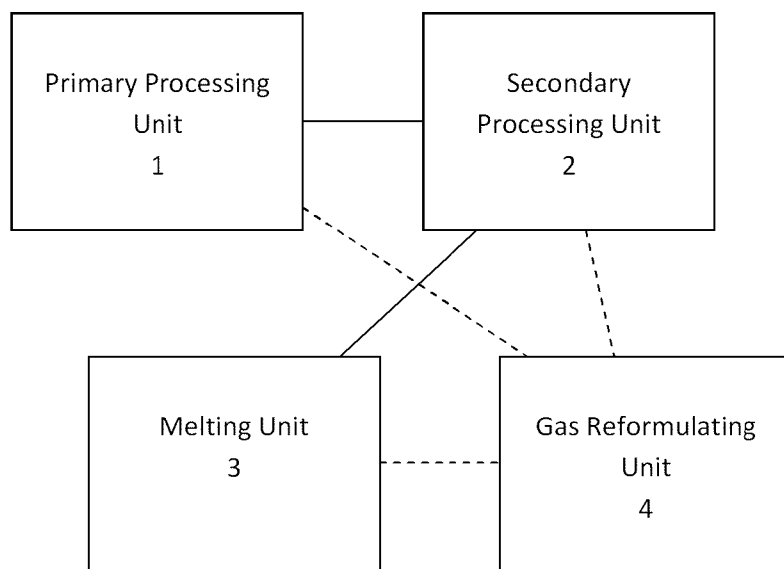


Figure 1A

(57) Abstract: A Carbon Conversion System having four functional units, each unit comprising one or more zones, wherein the units are integrated to optimize the overall conversion of carbonaceous feedstock into syngas and slag. The processes that occur within each zone of the system can be optimized, for example, by the configuration of each of the units and by managing the conditions that occur within each zone using an integrated control system.



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