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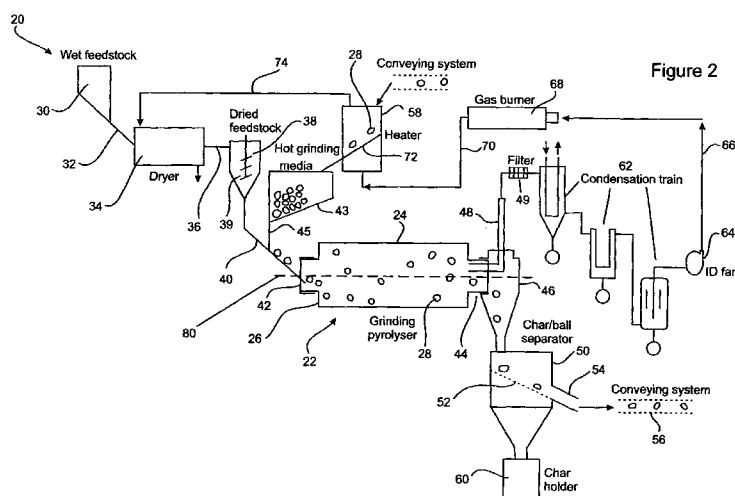
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(54) Title: METHOD OF AND SYSTEM FOR GRINDING PYROLYSIS OF PARTICULATE CARBONACEOUS FEED-STOCK



(57) Abstract: A pyrolysis plant (20) comprises a grinding pyrolyser (22), being a machine or apparatus in which both particle size reduction and pyrolysis occur simultaneously. Plant (20) also comprises a bin (30) for holding wet particulate biomass feedstock. Chute (32) leads from the bin (30) to a biomass dryer 34 which reduces moisture content of the feedstock to below about 10 % wt. Dried feedstock is conveyed from dryer (34) via line (36) to a dried biomass feedstock hopper (38). Dried feedstock is fed from hopper (38) into a chute (40) which leads to an inlet trunnion (42) of grinding pyrolyser (22). A discharge trunnion (44) of grinding pyrolyser (22) leads to a char holder (60) for collecting char particles and a condensation train (62) for condensing vapour generated by the pyrolysis to produce oil.