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(54) Title: PLASTIC CONVERSION FEED SYSTEM

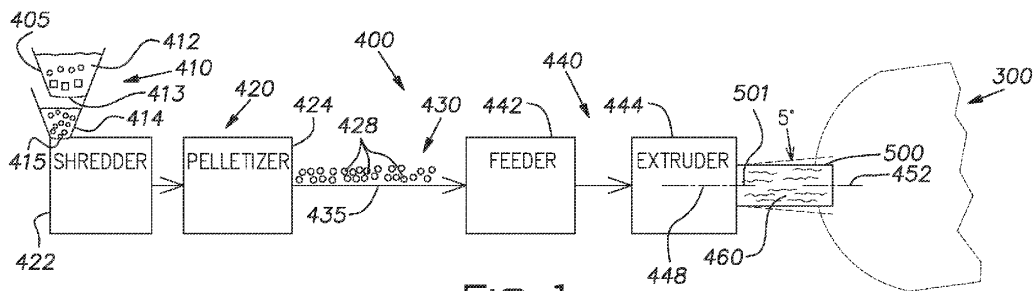


FIG. 1

(57) Abstract: A plastic conversion feeding system serves to transport a feedstock through different processing units or stations to a vessel wherein chemical and/or physical reactions occur to produce suitable, useful end products. Various processing units include a homogenizer for breaking up said feedstock, a size reduction device for reducing the feedstock to particles and densifying the same, a heating and/or blending device for heating said feedstock, and a feed conduit connecting said heating and blending device to said vessel. The feedstock conversion unit vessel through various cracking, reforming, condensation, recombination, and re cracking operations, produces a mixture of useful gases and condensable gases.

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