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(54) Title: VITRIFICATION MATERIALS TO PARTIAL OXIDATION GASIFIER

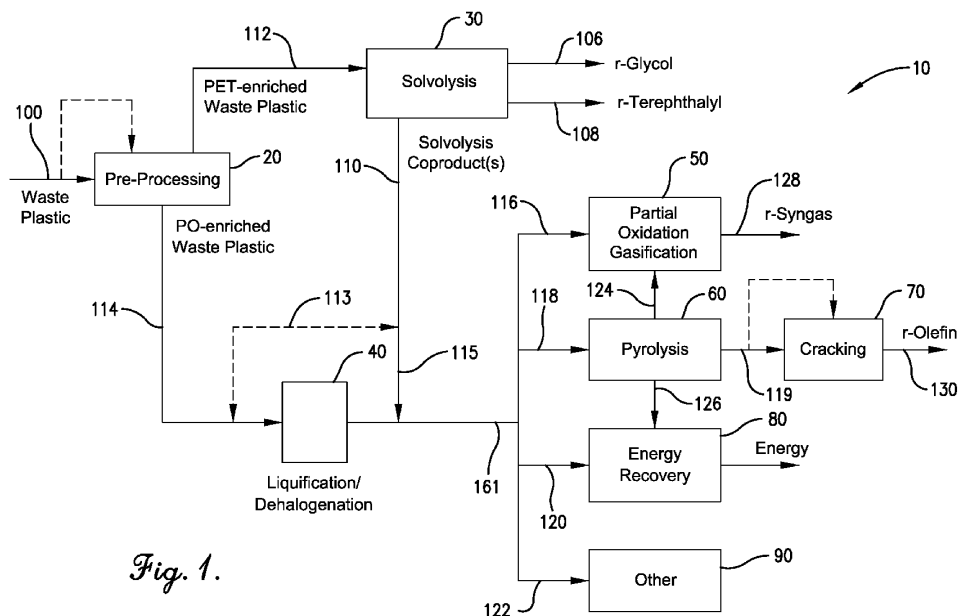


Fig. 1.

(57) Abstract: A method of producing synthesis gas is provided. The method includes feeding a waste plastic feedstock into a partial oxidation gasifier. The waste plastic feedstock includes one or more vitrification materials. The method also includes partially oxidizing the waste plastic within the partial oxidation gasifier to produce the synthesis gas.

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