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(54) Title: CHEMICAL RECYCLING OF PLASTIC PURGE MATERIALS

(57) Abstract: Processes and facilities for using one or more PET-containing materials as a feedstock to a chemical recycling facility, and in particular a solvolysis facility, are provided herein. The PET-containing materials used as feedstock may comprise a quantity of PET-containing solidified purge material. The PET-containing solidified purge material may be derived from various processes and facilities, including PET reclaimer facilities, manufacturers of PET articles, and/or a polymer manufacturing facilities. For example, the purge material may be the solidified purge material from an extrusion and/or pelletization process. Such solidified purge materials are generally undesirable or unusable to mechanical PET recycling facilities, and typically are sent to landfills and/or incinerators. However, the processes and facilities described herein make use of the PET and other plastics present in these otherwise undesirable or unusable solidified purge materials.



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