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(54) Title: CHEMICAL RECYCLING OF COLORED PLASTICS MIXTURES

(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 colored plastic-containing mixtures derived as products or co-products from plastic reclaimer facilities and/or municipal recycling facilities. Such mixtures 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 colored plastic-containing mixtures.



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