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(54) Title: CHEMICAL RECYCLING OF RECLAIMER FLAKE REJECT

(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 and PVC-containing reclaimer flake reject. The PET and PVC-containing reclaimer flake reject may be derived from various plastic reclaimer separation processes, including density separation. Such flake reject materials are generally undesirable or unusable to mechanical PET recycling facilities due to the PVC content, 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 flake reject materials.



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