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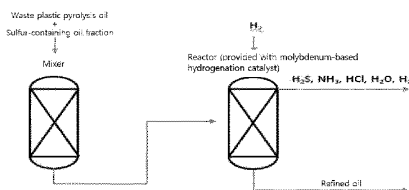
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(54) Title: REFINING METHOD OF WASTE PLASTIC PYROLYSIS OIL USING SULFUR SOURCE AND MOLYBDE-
NUM-BASED HYDROGENATION CATALYST, AND CONTINUOUS OPERATION METHOD THEREOF



(57) Abstract: Provided is a refining method of a waste plastic pyrolysis oil including: (S1) mixing a waste plastic pyrolysis oil and a sulfur source to prepare a mixed oil fraction; (S2) hydrotreating the mixed oil fraction with a reaction gas including a hydrogen gas (H₂) in the presence of a molybdenum-based hydrogenation catalyst; and (S3) removing by-products of the hydrotreating from the product of (S2) to obtain a refined oil.

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