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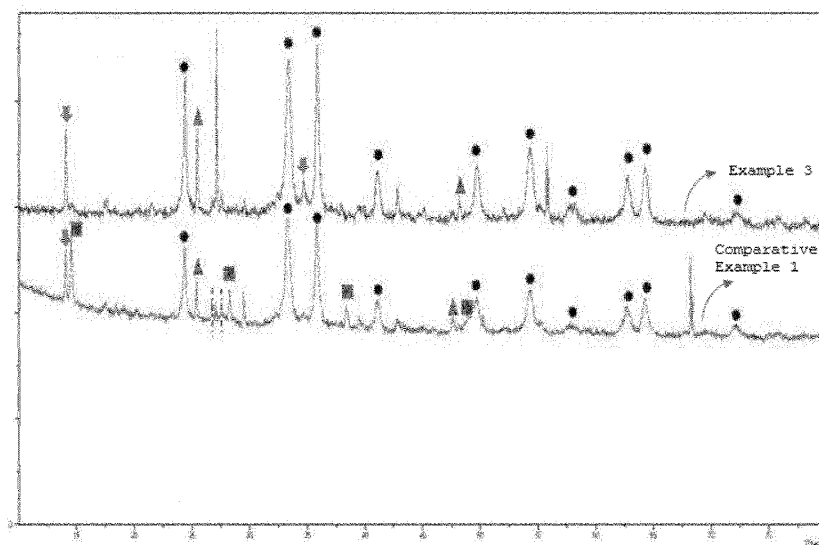
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(54) Title: METHOD AND DEVICE FOR PRODUCING WASTE PLASTIC PYROLYSIS OIL WITH REDUCED CHLORINE



(57) Abstract: The present disclosure provides a method for producing waste plastic pyrolysis oil with reduced chlorine, the method including: a first step of charging a waste plastic feedstock and modified red mud into a reactor; and a second step of pyrolyzing the waste plastic feedstock in the reactor and recovering pyrolysis oil, wherein when the modified red mud is subjected to X-ray diffraction (XRD) analysis, an intensity of a first peak at a 2θ diffraction angle of $14 \pm 0.1^\circ$ is higher than an intensity of a second peak at a 2θ diffraction angle of $14.5 \pm 0.1^\circ$.

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