ABSTRACT OF THE INVENTION

OIL-FORMING METHOD OF CHLORINE-CONTAINING PLASTIC REFUSE

To present an oil-forming method of chlorine-containing plastic refuse capable of obtaining oily product free from chlorine content, while suppressing apparatus corrosion by efficiently capturing hydrogen chloride generated by decomposition of chlorine-containing plastics, the oil-forming method of chlorine-containing plastic refuse is characterized by decomposing chlorine-containing plastic refuse using water in supercritical region as reaction medium and forming into oil, wherein silver nitrate of 0.8 to 2.0 times the reaction equivalent amount of hydrogen chloride generated by decomposition of chlorine-containing plastic refuse is added in the water as reaction medium to decompose and form into oil, and generated hydrogen chloride is removed in a form of silver chloride.

(Selected Drawing : Fig. 2)