

Title (en)

METHOD FOR SEPARATING TIN AND IF NECESSARY COPPER FROM SCRAP MELTING, SPECIALLY TINPLATE MELTING OR METALLIC MELTING

Title (de)

VERFAHREN ZUM ABTRENNEN VON ZINN SOWIE ERFORDERLICHENFALLS VON KUPFER AUS SCHROTTSCHELMELZEN, INSBESONDERE WEISSBLECHSCHMELZEN ODER METALLISCHEN SCHMELZEN

Title (fr)

PROCEDE POUR SEPARER DE L'ETAIN ET SI BESOIN DU CUIVRE D'UN BAIN DE FERRAILLES EN FUSION, NOTAMMENT D'UN BAIN DE FER BLANC OU D'UN BAIN METALLIQUE EN FUSION

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Application

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Abstract (en)

[origin: WO9811263A1] The invention concerns a method for separating tin and if necessary copper from scrap melting, specially tinplate melting or metallic melting resulting from processing of garbage or combustion residues which contain metal oxide. The carbon content of the melted mass is set at 3 to 4.2 weight % and hot air, oxygen or oxygen enriched air is blown locally on parts of the surface of the melted mass, whereby the SnO is taken out of the area formed between the carbon enriched bath and the iron oxides resulting from the blowing, with a redox gradient during the gas phase.

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