

Title (en)
METHOD FOR TREATING ORGANIC WASTE

Title (de)
VERFAHREN ZUR BEHANDLUNG VON ORGANISCHEN ABFALLSTOFFEN

Title (fr)
PROCEDE DE TRAITEMENT DE DECHETS ORGANIQUES

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Application
EP 93915232 A 19930608

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Abstract (en)
[origin: WO9325277A1] A method is disclosed which relates to treating an organic waste containing hydrogen and carbon in molten metal contained in a vessel to sequentially form enriched hydrogen and carbon oxide gas streams. In one embodiment, the organic waste is introduced into molten metal, without the addition of a separate oxidizing agent and under conditions sufficient to decompose the organic waste and to generate an enriched hydrogen gas stream and to carbonize the molten metal. Thereafter, a separate oxidizing agent is added into the carbonized molten metal to oxidize the carbon contained in the carbonized molten metal to thereby generate an enriched carbon oxide gas stream and to decarbonize the molten metal.

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