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(54) Title: LIQUID OR LIQUID/GAS STABILIZED PLASMA PYROLYSIS, GASIFICATION AND VITRIFICATION OF WASTE MATERIAL

(57) Abstract: A reactor for plasma pyrolysis, gasification and vitrification of waste material comprising a vessel having a gas exhaust port, said vessel being constructed to receive said waste material; said reactor further being characterized in that a liquid and/or liquid/gas stabilized plasma torch is mounted in said vessel to convert said waste material.

## INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2006/007574A. CLASSIFICATION OF SUBJECT MATTER  
INV. C10J3/18

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
C10J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

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| C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
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Information on patent family members

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| Patent document cited in search report | Publication date | Publication date | Patent family member(s) | Publication date |
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